The Mining Journal

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 454 .-- Vol. XIV.]

LONDON: SATURDAY, MAY 4, 1844.

PRICE 6D.

TO COAL AND IRONMASTERS, MINERS, &c. —TO BE SOLD, BY AUCTION, by Mr. JAMES EDISBURY, upon the premises, at MIRE BANK COLLIERY, near Chirk, in the county of Dembigs, North Wales, on makin, the 7th day of May, to commence at Pro eVokek in the foresament, the child of the Edisbury, Edisbu

FREESTONE QUARRY TO BE LET, and may be entered

FREENTONE QUARRY TO BE LET, and may be entered again at May-dusy seat, all that current-groing QUARRY, sittedented at Stitt, in the councily of Durham, presenting an contenden from of freedenine, insulfaced in Stitt Institute of the Contendented at Stitt Institute of the Contendente of the Con

SLATE QUARRY TO BE DISPOSED OF, in the VALE of NANTLE, near Carear-von. North Wales, adjusting the Talyseers, Dove-to, and Prophryn Quarries. The present propertor would either SELL his ENTRE INTEREST. or FIGLD a NUMBER OF SILARES to the conserve, at the option the parties who may freat for the query. The stodes are of a toperior quality, with the aid of a time capital, the query would soon become very profitable. Massic Schlesse being within haif a mile from the works, by which the single grade property of the conveyed to the obligation port of Carear-von. —Application to be made to high Junes, Limilityta, who will show the query.

tured and sold by the Patentons, BICEPORD, SMITH, and BAYER

PATENT OXY. HYDROGEN FURNACE FOR STEAM-BOILESS, LOCOMOTTYS-ENGINES, BERTERS' COPPER, and other perposes, COMBINED the two important desiderate, GREAT ECONOMY OF PURL, AND TOTAL ABBRICE OF SMORE.

PURE, AND TOTAL ARRENCE OF AMORE.

SWAYNEAND BOYILL.

MILLWALL. POPLAR, AND 19. ADDITIONAL CITY.

Engineers and Fulence of Wrought better flow flowing and Cut-though these floweshed to the process of the second o

ATENT VESTA, OR CAMPHINE, REPORT OF PROTOMETRIC EXPERIMENTS UPON TOENGE VESTA LAMP,

Spiritio of Turpensition, made to determine the con-ficientime, encapased with thinse of the heet lamps A N D 8 6 W U 8 5, M 5, P 8 5, he., Preferan-tio Same, bearing with 50 outsets Williampry, and any season of the spirition and the con-cept season of the con-cept season of the con-tent of the con-tent

WANTED, at the INTAKE COLLIERY, near SHEFFIELD, A NUMBER OF STEADY COLLIERS, not connected with the Union. These who left their coupley ment on finituring last being many of them amongst the number reported to the Government Colliery Inspector in 1642, as having worked at the Intake Colliery, hean gettern, on equal wagen to gettern—via. One Man. 42, 48, 46, 31, 28, 38, 41, 19, 107, or each. Two Mun. 22, 23, 18, 24, 18, 17, 107, or pears each. Three Mun, 27, 28, 14, 19, 17 years each.

Average of forty non twenty-two years each—filters and burriers not included. The names of the new can be given, if the previous with it, by note who are ladded to.—Apply to Mr. William Newbooks. Intake Culffery.

TO BLACK JACK BUYERS.-FOR SALE, at Wheal An-

SNAYING.—IMPORTANT TO THE PROPRIETORS
AND RHARRHOLDERS OF MINES.—ASSAYS of LEAD, COPPER, IRON,
N, BANGANEER, and all other cress, see constructed by Mr. MYCHELL, confyac chemists late of the Booga Polytrocimic londitudico, No. i A, Hawing road,
bottom Yown.—N.B. Gestlemen instructed to assaying and general continue.

Agree, that the ANNUAL GENERAL MEETING of shareholders in the agin-Residue Mind Company will be bett at the office on Tuesday, the 7th May ret.—The chair will be taken at One o'clock precisely.

G. S. LONEDALE, Secretary

Angie-Mexican Mint Office, 5, Broad ofgart buildings, London, April 18.

MPERIAL BRAZILIAN MINING ASSOCIATION.—Notice in hereby given, that a thividend of Pive HillLings per share, not of other, was this do declared at the half yearly groups meeting of proprietors, and at the name will be PAVABLE at this office to the proprietors of theres, who appeared as each in the two-ke of the association on the libb of April lack, daily, from couring, the 12d inst., out offit the 25d Jone, between the hours of Exerce and Russe, at after the 25d June only on Wednerodays and Fridays, daily from the thorse house, firmed direct, Louisne, May 7. GEO. TROMA A limited orders for the payment of dividends may be last on application at the libe.

WEST WHEAL JEWEL MINING ASSOCIATION ADDICAL CENERAL MESTING will on bisenday, the 13th May wood, of Tyru By order of the beard, R. MCHOLEGN, Besteral

YORKSHIRE LAND DRAINING ASSOCIATION.

point d'DON, NOC in obseh of d'Es. - Sepondi à par ceut.
PATRICES.
The Right Non. Lord Victoriant MCORPETS.
Sir WILLIAM M. MILLIES, Book.
The Right Non. Lord REALTMONT.
EDWARD STILLINGFLEET CAYLEY, Soq. M.P.

STEAM TO INDIA VIA EGYPT, MALTA, ITALY, ALEXANDRIA, AND THE PENINBULAR PORTS.
PASSAGE TO BOMBAY, MADRAS, AND CALCUTTA.

The Positionine and Oriental Steam Navigation Company's steam-ships START PROM SOUTHAMPTON THE FIRST OF SVERY MONTH; priving at Research's shout the 15th. The Hous, East levids Company's steamson are Suce for Bombay about the 25d of the mouth, and for Madran and Calcutta the moleonism and Oriental Steam Navigation Company's steamers, Himberton and coctant, or Government steamers, The Positionists and Oriental Steam Navigation.

A stranger from Southensystem leaves the first of every meach for Multa, ware observed to Singles, Greens, Circle Verebia, Shreet times a misself.

BTEAM TO GRORTO, VIVIO, LURIDON, CADIEZ, AND GIRBALTAR,
A stranger leaves Southensiem every Thomsday at 3 p.m. for the above pile
Apoly at the Professional and Circlettal Steam Ravigation. Cumpangly office
III. Mary Aus, London, where only passages can be recorded throughout.

TO IRONMASTERS.—The DUFFRYN, LLYNVI, AND PORTH CAWL RAILWAY COMPANY are decirous of PURCHASING SIXTY TOMS OF WROUGHT-IRON RAILA.—Twenders due the supply of the came will be received, and further particulars may be obtained on applications to Porth Cawl, April 28.

W. S. BRADLEY, Clork to the Company

SUPERINTENDENT AND PARTNER.—Any PERSON PRACTICALLY CONVERBANT with the WORKING of a COLLIERY and the BRELIVEG of IRON, and who may be willing to JOHN a BRALLY COMPANY, already cretablished, by towering from JOHO to distinct on may be will be appointed. ERSIDENT OF UPRAINTENDING of the works, at a saint radio with the interest taken and the during to be performed. The enjectic and present with the interest taken and the during to be performed. The enjects and present

BERDEEN HARBOUR.—TO CONTRACTORS FOR WORKS.—The PARLIAMENTARY COMMISSIONESS are the 1547EAD INSTITUTE OF ILLAR MENTARY COMMISSIONESS are the 1547EAD INSTITUTE OF ILLAR MENTARY COMMISSIONESS are the 1547EAD for the EXECUTION of certain WORKS, viz. .—The CONTRECTION of a LO and also of an ENTRANCE, with a single pair of gates, with the necessary WI and RETURN WALLS, NEWYEL BRIDGERS, viz. .—The CONTRECTION of a LO and also of an ENTRANCE, with the necessary WI ATTHE, DEBUGING, and DERPENDING of certain QUAY MATER, with the necessary WI ATTHE, DEBUGING, and DERPENDING of COLLY SETS, with the necessary CONTRY UCTION of certain REWISE OF CULVERTS, with the necessary CONTRY UCTION of certain REWISE OF CULVERTS, with the necessary CONTRY UCTION of certain REWISE OF CULVERTS, with the necessary CONTRY UCTION of certain REWISE OF CULVERTS, with the necessary CONTRY UCTION of certain REWISE OF CULVERTS, with the necessary CONTRY UCTION of certain REWISE OF CULVERTS, with the necessary CONTRY UCTION of certain REWISE OF CONTRY UCTION, with the necessary CONTRY UCTION, and DEPENDENCE OF CONTRY UCTION, and the CONTRY UNITED CONTRY UNIT

APATENT IRON BOOFING, the CHEAPENT & STRONGS EVER MADE, when well he put on any BUILDING, and COVERNEY. A STRONGS EATEN A OF THE STRONGS EXACES, and as SMALLA, A COST on a VIMINE BUILDING, and COVERNEY. A superiment may be seen at the Cash Farm Stories, need brakery, and perform orbitalised from them squared many process orbitalised from them squared squared from a sea weaked together, and MADE of the GOUGET ESDN, or quasily ofrom glotted many he had, in considered of and here of the GOUGET ESDN, or quasily ofrom best to may be been, in considered of and here of the GOUGET ESDN, or quasily offered best to may be been, in considered of mat here then the result, from 1 is, supersists. The may be been queen and for the chek Person Worke, and there is supersists. The contract process operations to the Chek Person Worke, and there is supersists. DATENT IRON ROOFING, the CHEAPEST & STRONGEST

PATENT GALVANISED IRON COMPANY, SCHOOL PROCESSOR FOR THE PRESERVATION OF THEIR PROCESSOR FOR THE PRESERVATION OF THEIR PROCESSOR BUT Adopted by bor Majority's Government but the now Microbia of Patienteness, and the Uniform of and Administrating Repeatments, also by the Microbia Companishes the Trincity doesno Marks, Microbia, Papers, OFFICE - Fine, 6, WHITTE LAGIS COURT, COMMISSION, OFFICE - Fine, 6, WHITTE LAGIS COURT, COMMISSION, OF White of orders and commissionismicals are conjugated to to addressed.

A NDREW SMITH'S PATENT GALVANISED WIRE SUPE (WARRANTED NOT TO CALDER FOR MINITE SALEWAY, AND DRIFTIND PURPOSES. — The Report peach FIGTORIA AND ACARBY, PERSELOFE, VIRAUL, REBRES, and across office orige in the force News, as well so the Mornison's Service, been been FITTED WITH ADDRESS SERVICES OF ATRIFT WIRE DESCRIPT, is in elected bed the cone and weight of formation rouge and con-fided entrapper. —Per purification sport in Anderso Descript, 2, White Line country, Corrected, 10, Princes officer, Leitmenter square; or at the works, Millered, Builder, Corrected, 10, Princes officer, Leitmenter square; or at the works, Millered, Builder, Corrected, 10, Princes officer, Leitmenter, square; or at the works, Millered, Builder, Corrected, 10, Princes officer, Leitmenter, square; or at the works, Millered, Builder, State of the works, Millered, Builder, State of the Works, Millered, Builder, State of the Works, Millered, Builder, Builder, State of the Works, Millered, Builder, Builder

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COMBUSTION of COAL, CHEMICALLY & PRACTICALLY

TO ENGINEERS, DRAUGISTRMEN, &c.—STEPSENN'S STATES, and DESINNEERS, DRAUGISTRMEN, &c.—STEPSENN'S STATES, and DESIGNATION AND MECHANISTS. DRAW THEN LOSS, for ENGINEERS A. A. THE ARTHUR AND THE STATES AND

LAW INTELLIGENCE.

MINING IN WALES-LAW OF PARTNERSHIP;

GREETS-GREEN COLLIERY, STAFFORDSHIRE.

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INSTITUTION OF CIVIL ENGINEERS.

Areas No.—The Panerouw in the chair.

A description of the method employed for requiring a chimary 120 feething, at Messars. Cowper's cotten said. Gibosans, by J. Caithoust, was read. The messae adopted were true described:—The workeness was provided with a broad leading beit, to which, was attached a strong opting book; outpele-chaped leader irons, with das jugged cade, were driven into the judge state showe each other at intervals of fifteen inches apart, by the was otsading on them a secrecion to be accorded, until he reached the top; his safety was excerted by fixing the operage hand on to the hadder iron immediately opposite his waiet, which enabled him to use both lack bands when working; a topo was give passed resemble his waiet, and down leader the ladder iron, to support him in cases one of the ladder irons leader the ladder was, to expend in recoving some consensuals jutice of iron which had been losseared by a storm. In descracing, the workman took the ladder irons out the there the other; the whole operation bring performed in two days and a baid; the total seed, including a lowest of 31, to the workman, was only 13.

The first part of a paper, by Mr. William Fairbairo, on the reduction of

The first part of a paper, by Mr. William Fairbaire, on the reduction of the snaguetic sees of Sassahoff (Torkey) was read. It commessed with reviewing the few attempts which had been made towards improving the me these of treating the risther iron over both of Regiond and of foreign countries; the great Regista iron makers having restricted themselves to soing the lean carbonates of iron, an named of the facilities they offered for work-ing; the great advantages which might here resulted both in the quantity and quality of the metal produced from rich over, have been thus neglected, it is estated that Mr. Ohanne Dadita, an active and enterprising Armesian in the service of the Sublime Parte, brought to this country speciences of suggestic iron over, and of bitmonisous cont found in the divirted of Samabod, in Turkey; he had them analysed at Paris and he England, and found that the ore was searly a pare unide of iron, containing about 63 per cent. of metal, that it was free from mighter, around, and other deleterisms matters, and that there was suited with it about 12 per cent. of silutions certil. The ore was described as being found is the form of a flas sand, covering extractive plains, where it had been deposited to the depth of several feet, publishly by sentime of water on the active of Mr. Fair bules, Mr. Ohanes Dadia determined to preserves in his projects, and his attention being directed to the sequence invented by Mr. Clay for producing malicable iron direct from the cre, as described in a paper read at the fastitution being directed to the ore, as described in a paper read at the fastitution being directed to the ore, as described in a paper read at the fastitution being directed to the ore, as described in a paper read at the fastitution being directed to the ore, as described in a paper read at the fastitution being directed to the ore, as described in a paper read at the fastitution of Civil Englances, Feb. 11, 1942, he secured that gentlement's could. Mr. They're report, and the two was the created proportion of Civil Englances, Feb. 12, 1942, he secured that prevent on the read of the work of the fast to provide a country of the care to the country of the fast to the both of the fast to a partial process theds of treating the risher iron eres both of England and of foreign conn. tries; the great English iron makers baring restricted themselves to using the ison carbonates of irra, so account of the facilities they offered for week-

SOCIETY OF ARTS.

Mar | .- T. Wenn wanter Soy, in the chair.

The everetary read a paper on the retremed system of laying out and condracting railways, with a view to extending the brackts of the railway evetens to every part of the United Kingdom. In 1830, Mr. Whishaw lead his plan of working single lines before the Institution of Civil Engineers, and in 1865, after completing a detailed survey of all the railways in the United Kingdom, and making practical experiments to the extent of 18,000 miles, as Ringelium, and making genetical experiments to the extent of 18,000 miles, as he the working of the trains on all the Bertine Hallmann of that then open to the public, revised and envented his plan, and then made it public in the Bushways of threat Brotions and trained. Since that period the elegie way has made considerable proposes, and engineers, who couldn't the idea of excepting or a large amount of traille by the reciprocating system, are now being out more of the principal lines on this system is a modified flows, and it is understand that the great Hallyhand line is to be remarked on this principle. The mode of working a college by this plan with any amount of trails may be thus becomind. The discussor between the terminal and the necessary principal intermediate site two principal lines and the terminal and the necessary principal lines made described. The stories of working a cativesy by this place with any amount of traffic easy he bloss described. The distances between the termined and the nestreal principal information of the between the two principal informations and principal informations and between the two principal informations and the stories, is twenty miles respectively, which distance is small up of two region runs, of repair singuistic requiring ingestions at the half-way dediction. To illustrate the intermined statement asserts simultaneously every heart, we need only describe this presence between one of the transmissions and the first principal information-this fewers now of the transmissions and the first principal information-this extension the formation of the principal information of the transmissions and the new, socialized attacks (No. 1) from the first principal information of the transmission of the principal informations and the region agent of transmission affect principal informations, the nationage agent of transmission each tender, for missions after eight as the random supplies of the principal information of principal informations, the country force missance after eight as the random supplies are forced to the transmission affect principal information and branching to engine and franching to engine missance and the random supplies of the supplies to the supplies of the time, and prepared to make the and solvenay; so the bian regime No. I arrived as the temperature tracks in a believe, but require No. I is again results to make the bian tracks and the temperature to the configuration of the temperature the remains the temperature that the temperature the remains and the remains and

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nother contends would be derived from the adoption of his plan. The proposed senie of charges in as follows:

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The setting to the reduced three ign is Reighnen.

The setting to the remarky in the conveyance of treops, military stores, &c. And, leady, the comparatively from inflaterous me throughout the country that would be afforded to all previous.

GOLD AND EMERALD MINES OF UPPER PERU.

And, leading the comparatively free intercourse throughout the country that would be afforded to an Jermone.

GOLD AND EMERALD MINES OF UPPER PERU.

THE GREAT BALT WATER LARE OF CHESUTY.

On the Cordificens of the Andres, in South Amedias, is a lake of exit water, let mile long and 150 brend, 18, 1900-feet always the loved of the cos, and so deep, in some places, so to be malathomable. On the horders of this extraordinary, and, we inflive, but little known, inland and elevated rea, are situated the gold mines of Tipmoni, and the embraid mines of Himsio, on the heads of the river of that nome, in Upper Peru. The early suggestion found in these high regions are a small red potato, called chassed, and a very few plants, one of which produces a cord called guinanci, much head by the natives an an article of fined; but on the other side of the lake, at Coparation, and in the vallega of Bolivia, there is played at burley, potators, and Indian cure, and a variety of fivits. The role is played at burley, potators, and Indian cure, and a variety of fivits, there is played at burley, potators, and Indian cure. And a variety of fivits, there is played at burley, potators, and Indian cure. And a variety of the interest of the Indian cure, and a variety of the interest of the Indian cure, and a variety of the Indian cure is played and the Indian arrangements for the parchase of the above mines, and caracter. Other entire are situated in the new tolerably successful, but the emerable were, with few emergicans, of an inferior character, Other entire are situated in the next the successful, but the convention of the same of Very, as the major of the Indian cure of the Indian cure of the Indian cure of the Indian cure of Indian cure of Indian Silver mines of Proc. and Silver cure of the Indian Silver of Cornours, and the mater is distinct on the value of the output of the successful to the mines, fire the published to the communicate with the opposite of the other of the Indian cure of Indian Cure of Indian cure of Indian cure

General O'Briton with resource on over twom Monte Video and Maldenade.

Dunman County Coal Cherany....We codecuted that this company's bill was agreed to, on Passing last, in the Russe of Lords, with some sight amountments.

Intralat Slatu County....Messes, Fuller and March sold of the Ancients Mart, on Thornday, son handred share in this company (whose works are situated at Killaine, in the country of Thypesery) at 51s. per chiers.

This Bancerosantra Land Miniso...We are happy to learn that the land misses on the Nanthela sensor, in the particle of Limedowy. Along works. Resp., in the proprietory, have been let to a company, who intend immediately to communicate operations. These mines of circular theorem of five miles from the Nanthela sensor, between worked to great advantage for miles from the Nanthela son desirable and which have been worked to great advantage for many years, and there is every proposed, that the same voice extend coaleg the Nanthela and. We true that the nadertaking will prove of branchit, and only to the proprieture and leasers, but to the corresponding district, and officed employment for the Loberting prysional for the control of the control of the miles of the complex of the miles of the control of the c

Small reals (for home meaning sections on "river road"), amoing a "drug" at at, per chaldron, non-new being sold of 10s, and 10s, and come as high as (5s. |- Gadronhood Ghearver.

**Clearity Cinals to Newcastle...-Gadronhood Ghearver.

**Clearity Cinals to Newcastle...-Gadronhood comming, the Frish of Forth presented a very animated secon-squarked of thirty light entities one basis in the secon-squarked in the second secon-squarked thirty light testifiers were seen basis in the second se

ten's from van more serve, as mort are more retinents to the effects, them when filled with the comments from."

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THEDINGS OF PUBLIC COMPANIES.

MERICAN COMPANY.

The ensual meeting of this company took place at the effice, in Great nter-street, City, on Thursday, the 2d inst.—The chair was taken by William Bushen, Esq., who said he regretted the chaleman was not present, whose licens fenera he had been obliged to be for the last two or res years .- J. M. Maune, Esq. (the secretary), read the following report and belause-sheet :-- maroux.

part and belianne-short re
In the report which was presented by the directors of the last encount meeting the properties were informed, that instructions and natherity had been transactived in Mr. Penechia, the company's agent in Mexico, to advance # flast, or about facility, as the owners of the Santa Gertrudia Biline, to the district of Tatagogard, Caxasa, etc. what is termed in Mexico 'a contract of "Avio de Fina," or advance, as the santa coverage, to enable home to work his mine moore effectability, to confident, on the district of Tatagogard, Caxasa, etc. what is termed in Mexico 'a contract of "Avio de Fina," or advances to the santas coverage, to enable home to work his mine moore effectability, no confident of his engaging such advances, by delivering to the "aviador," er sangulite of finals and santa, all the attreet that the noise may produce, at such a, price before the statistics and santa, and the attreet that the noise stary produce, as such as, to angulate the suggestion of the santage angular him to. The object of this proposed constant way, to angulate the suggestion of the santage and the santage Minns was wal that time placed, and renewed so strongly his previous recommendations to the directors or sutherter him to sungiture the time in preprintilly for account of the company publicly in recond alterations of the Meaning mining leave emission of the decimany property in the mine, for account of the emission, which he was enabled him to do, by the payments of sheart gibits to the party which had deconcared it a theret time deflow. By this arrangement, the company has theirized posteriors of the mine in preprinting and an extra survey, with the right of absendancing it wherever they may think proper, and without being subject, as in the date desired mine of the mine in preprinting and a mine survey, we may be added, as in the date of the survey they may think proper, and without being subject, as in the date of the survey of the party with the right of absendancing it wherever they may think proper, and without being subject, as in the date of the survey of the

The Consensate said, as a proof that the report was the most satisficbery one that had ever been polanisted to the proprietors, they had cleaned off all bad and desireful assurante-paid all expenses in Mexico, including The sulution of their servents-and there remained at the end of the year's bulance in fevour of the company, on the year's operations, of 1600 dellars, besides the plant and stores, which were valued at 220,000 del., tactuding 13,000 del. evaluable musts (which were becrossed to T5,000 del. at the The two sciences are the promountains of their mining and other operations.

The two science or particularly alleshed to in the register were their own Issu-builds, and had been obtained at a most trilling expense—almost 100%, for the other. Lot have there 100% for the other. Is prosecuting the estima which had been shandlessed, they coldens not with orns of some than 2 oc. or 2 oc. to the quintal of orn—wherems, from the Santa Gertruille Mine. the framework by journament of cover-whereaux, from the Santa Gertrudia Micro-tills impress by journament of the cover hithorths obtained from it had been 8 or a 6 or to the qualitation), and they just overgy remains to explore, when they reached the point where the object workings were suppressed, that there we would be fruited of a still higher standard. In the means whole, which appressed man were a required to a country of the artists of continued automate, which, considered with the prospects of greater excesses in their missing apprenticate the prover-which for fill may require the control of the discontinued automate. to preserve which he full was recreated in contralpolating—except could conduct the di-ciner to present a fair sames for recreative electroment to the proprietions over or these the con- which was now collectrical to them. It which to seem the report, then there had been a consideration failing off in the quantity provinced cross desting this past year, which was not principal manufactract, the expenditues on which that your amounted to 568,000 dol.—the restal alone emessing 16,000 dol. Last year, the total expenditure was only 190,000 dol., and the miner rustals nothing—the miner new wrought being their own absolute freehold property, with the power of abandon-ment whenever they pleased. He hoped, if their prosperity continued throughout this year, even on the scale of the three months to which their lest advices entimided (furing which their available reconrece had anymented 4800 dol.), that the profits of this year would be at least 20,000 del., which would enable them to go on prosperturally, and make some dividend to the proprietors, in reward for the patience and preservorance they had shown, through so long a coorse of disappointments and leases. (Hear, hear.)

Mr. John Wilson inquired whether the directors were in possessing of any information which tended to show the state in which the Santa Gertrudis Mine had been abandened?—The Chainstan, in reply, remarked, as would be seen by the report, that the sole cause of its slandoument was the orpaision of its former owners (Spaniarda) at the breaking out of the Mexican revolution, since which, as far as their information attended, nothing whatever had been done to it.

Mr. Macon (the accretary) here reed a variety of extracts from Mr. Franchio's latters in corroboration of this, which fully hore out the chairman's statement, and appeared to afford great satisfaction to the meeting.

Mr. Maure (the secretary) here reed a variety of extracts from Mr. Femechio's letters in corroboration of this, which fully bees out the chairman's elastement, and appeared to afford great satisfaction to the meeting. Mr. M. accreeces stated, that in conversations which he had had with Mr. Sadler, the company's agent in Oaxana, during his recent visit to this constry, that gentlemen and expressed the most favourable opinion of the mine, which he had personally impacted, with the intention of denouncing it, if the company had acquired it for their own account.—The Curamaan remarked, that he thought it a very good beginning, after defraying an expenditure of upwards of 6000 dol., principally in clearing out old workings, that the mine should have left a profit, on last year's operations, of 1312 dol.—Mr. Thronasa Winnon (a director): Especially so unly 1000 quintain of ore had been raised from it to the close of the past year.

In answer to an inquiry from a proprietor, the Sucamaan visited that the only expenditure which had yet been incurred on the Cinco Senters Mine (which had only been acquired in September last) was 441 dol., in diriving an adit of about trenty-acres year, to drain it, which had been accomplished. This caus included same iron and tools which had been made over to the company.—Another Paucamanton remarked, that in last year's report, they dwelt principally on the purclasses of ore.—The Secumantary said, in reply, so we do yet, and should be gleat to increase them to a large extent, if we knew how.

Mr. Gratertree, in this stage of the proceedings, moved that the report new presented, which was accounted by Mr. Runn, and unanimously adopted,—Mr. Thronas Without the moved the re-election of the directors and sadditors, when new retire by rotation, which was also unanimously account meeting accessed by great satisfaction at

of general mercings, unrease was accessed by Mr. Rank, can unantermostly adopted,—Mr. Truemas Without then moved the re-election of the directors and anditors, who now retire by rotation, which was also unanimously assessed to,...Mr. G. Moona expressed his great satisfaction at the mature of the report. In spite of all their outlay and difficulties, he could not but applicad the constancy, scal, and exertions of the directors, in remaining assessing them under all directorsoftness. (Applicase.) It was no frequency in cases of this nature, where misfortunes had so repeatedly happened, for gentlemen to fall off one after another, and, therefore, they seald not too highly acknowledge the corview of these gentlemen, who watched their intercepts under all their misfortunes. He begged to move "that the thanks of the meeting be given to the chairman and directors of the escapeacy," (Applause.).—Mr. Key mescaded the motion, which was passed by archemetion.—On the metion of Mr. Rane, reconciled by Mr. Garracras, thanks were unanimentally passed to Mr. Massle (the exceptary), for his great attention and devility to the proprietors at all times.

Mr. Brane redurned thanks on behalf of the directors; and the Recentrary availed hissoelf of the apportunity to capress his sheary a thanks to the directors and proprietors, for the attention which he had so often experienced from them on similar encessions, and expectally to their worthy relations for the kind meaner in which he had been pleased to notice him on the present occasion.—The meeting then adjourned.

X IMPERIAL BRAZILIAN MINING COMPANY.

The half-yearly general meeting of the properience of the above company was held at the Hall of Commerce, on Thursday, the 5d instant,
Johnva Walkern, Esq., in the chair.

The Whornsyary (Seorge Thomas, Esq.,) read the notion convening the meeting, as also the minutes of the best half-yearly meeting, which being confirmed—the Chalman preconded to say, that two of the dissectors, Mosers. Joshua Walker and John Brightman, went out of office by restation, but, being eligible, effected themselves for re-election; he should, therefore, proposes that the said gentlemen he re-elected, which was carried unanimously, as was also the re-election of Mr. Aguilar, as one of the auditors—when those gentlemen neverally returned thanks.

The Chalman then proceeded to read the following

The CHAIRMAN then proceeded to read the following

**REPORT*

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MEPORT*

The report stated their discourth six months for existating on the 3 lst Incovative,
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In the source of reading the report, at the part where mention is maof the company having engaged a cariole number of miners to proceed from Corowell to their works in the Bracila, the CHARKKAN took the opfor the company serving engagene increase in contrast to provide the proposed to their works in the Bracks, the Cas attexas took the parameters of analysis and anomality of analysis and anomality of analysis and anomality of analysis and anomality of anomality and anomality and anomality and anomality because it to the proprietiesty), but on congaged a nontribure of sink, from tixture to twenty years of age, to nontripularly anomality anomality of anomality and anomality and anomality and anomality and the congress of anomality and anomality and the consideratio anomality and the consideration of sinks, there is an anomality and the angestioned anomality and the desirable column and the complete anomality and the sinks property, of nearly the sentent cond to the desirable anomality and the property of internal and the consideration of Mr. Hone would not their contribution of Mr. Hone would not their contribution of the appropriation of their contribution of the consideration of their contribution of the property of the state of the consideration of their property of the consideration of their property of the consideration of their anomality of the consideration of their property of their anomality anomality (to directors lead, therefore, discuss of their property of the property of their animals, which had yielded in the front thirty-serves days of the property of the research to grant to the contribution of the property of the contribution of the contribution of the property of the contribution of the property of the contribution of the contribution of the property of the contribution of the contributi

continued approved.

The second entering of this company arms place at the Landon Terrane, on today, six ad tests, for Germany Lindercory, Bars, to the chair, when a reput up the effects of the sources, was need to the chair, when a re-

GREAT WHEAL MARTHA CONSOLIDATED MINES.
A special general esecting of the shareholders in this company was bell Tuesday, the 36th will, at their collices, Winchester-bosse, Old Bread-air for the purpose of adapting the rules and regulations prepared by Mess Lane and Pridenus, the soliciture of the company, John Britantana, in the obsit—The Chaimman explained the object of the meeting, stated that the rules had been carefully read over and considered by the excitors, and also signed by them, who held a considerable majority of mine.—Mr. W. Painnaux also emphased several points and closies, if which the following recolution was moved by Mr. J. Mumax, and seems by Mr. Woodwald, and passed unanimomals —"That the rules and relations now produced be adopted as those of the company, and be signed the shareholders."—The meeting then separated. GREAT WHEAL MARTHA CONSOLIDATED MINES

inclions new produced be adopted as those of the company, and be signed by the charcholders."—The meeting then separated.

EASTERN COUNTIES RAILWAY.

A opeclal general meeting of this company was held at the Hall of Commerce, on Tuesday, the 50th this Linnary Horamoure, for, in the chair, to emasted of the propriety of extending the line to Lincoln, and rating the sum accessary.—The Suchetany baving read the subvertisement, the Cratke May observed that the amaignmenton hill, as well as that for extending the flue to Ely, Brandon, and Februarough, had passed the Meeter of Commons, and the same would be the case in the House of Lorda, on a supposition was expected. The line from Great Yarmouth, he was happy to say, was opened that very day, which would form the first that from Yarmouth to London; the cent link was the Norwich and Brandon Railway, which had nearly passed the Logisisture. The Brandon and Newport line would be completed within twelve mention after the passing of the bill. He was happy to inform them that a number of mereboats and landowners in the neighbourhood of Lymmater, which we would be saved that expenditure, and receive a large anomat of traffic.—From the report it appeared that the whole of the district to Boaken and Liccoln was in the course of survey, and also to Gainsberough and Dacanter. The directors recommended the raining a sum of pit, 1900, to complete the line to Lincoln, in the same way as was done in Gainsberough and Dacanter. The directors recommended the raining a sum of pit, 1901, to complete the line to Lincoln, in the same way as was done in Gainsberough and Dacanter. The directors recommended the raining a sum of pit, 1901, to complete the line to Lincoln, in the same way as was done in Gainsberough and Dacanter. The director recommended the raining a sum of pit, 1901, to complete the line to Lincoln, to the same and section in the same proportion as before—the conditions from Newport to Petersborough and Heading. The recommended to the fermion of a railway is estended and a

thanks to the chairman and directors, which was seconded by Mr. E. C. WHITLE, and passed with ascianation, which was seconded by Mr. E. C. WHITLE, and passed with ascianation, when the menting adjuncted.

BOUTH-WESTERN RAILWAY COMPANY—BRANCHES TO X SALISHURY AND EPROM.

A special meeting of the directors and propriotors of this railway was hold at the station at Nine Kims, Vanaball, on Friday, the 3d inct., for the formation of a proving of the bill, which is new before Parliament, for the formation of a preach railway to Salisbury, and also for the formation of a branch inservant or the company; a station or Kingston to Epoons, and also for the formation and Impervanent of the station at Nine Eims, Vanaball,—Well-land Chiapully, Eq. (the chairman of the board of directors), occupied the chair.

—After the secretary had read the abverticement convening the meeting, Mr. Bracanst (the colletter of the econpany) rose and each that the bill for the formation of a branch railway to the town of flaticleary had been passed by the select committee of the House of Comments. He was happy to say, there was but one landowner with had offered any opposition to the bill, be that the company might very well anticipate that the bill, in the seamforder of the stages, would be unapprosed. In conformity with the standing orders of the Illuss of Landow, that non-ting would have to approve to a receivation of the Illuss of Landow, the propriety and means of doing which had been alteraced on a former committee. The committee on the bill had alteracy made on a former committee. The committee on the bill had alteracy made on a former committee. The contribution approving of the bill was then proposed, and was merited the station approving of the bill was then proposed, and was merited the station. He had noticepased the preach a resolution approving of the others and to be realized to their estimate on the third on the company, — Mr. Canner then proposed a resolution approving of the station. We had noticepased the free for the statio

RALLWAY TRAFFIL.—The following increase has taken place in the returns for the 10 weeks just coded, as compared with those of the last year liBirmingham and breth, diff. I desire and the last year liBirmingham and Climporter at 2 London and Stighton.

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for Bristini, and well did its inhabitance and officers independent colors.

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By the completion of this line there is new as uninteresting to the Group!

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MINING RECORD OFFICE, 5, SHORTER'S COURT, THE SCHOOL OF COUNTIES RAILWAY COMPANY.—Notice is THE COUNTIES TRAILWAY COMPANY.—Notice is being regulated in string regulary on the identication of the shareholders of the shareholder

RON, TIN PLATES, WIRE, &c. — WILLIAM FOX, METAL REGIERS, Sts. 1, MANCHESTER GTERT, LIVERPOOL, OFFERS MIS DESCRICES TO THE FT-SCHLAUERS OR SEL. EAR OF 1600N, TIN PLATES, OR WISE, prome his becominging of the trade, not accretionate encountering surrespondent afters, and declare, he is encoded of all tenses to put day cold, decouring him with their remainments, in the best possible precision as buyer or editor. W. Fac's charge of brokerings in 1 per cent. upon transmissions gives a buyer or goods.

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ONDON, EDINBURGH, AND DUBLIN LIFE AMELIATES COMPANY.

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A. That the directors in authorized, when they shall keen obtained Parliamentary rever for the propries, to issue such stock in the proportions or shares above meanimed, and in the meantains to issue such stock in the proportions or shares above meanimed, and in the meantains to issue such arriy, or arriy receipts, in live thereof, is they shall fished fit.

5. That such some of At its. 64. shall be paid to refine the distributions shall require the stock, but the paying of property the stock, for the payports of prescribing with the works.

6. And this meeting doth forther order, that such new shares shall be, on the life day of May load, and the prescribines after conditions, be divided enunged all such persons so shall be, on the life of the order of the payports of shares or the life seeds of May load, the registers is proprietions after conditions, be divided enunged all such persons so shall be, on the life seed of May load, the registers is proprietions of the company's brocks of shares this server.

the count, for this promption of pronocoliting with the works.

6. And this meeting doubt further order, that seek new shares also the promises as chall be, on the 15th day of May inst., the registeres progressive in the company's books of chares in this energopey.

7. And this meeting doubt further order, that the said 144,0th new shares shall be appropriated and instead by the directions amongs the said worst propriators of the propriated and instead by the directions amongs the said worst propriators of the said company', but he holders of fifteen registered chares and approach such are where a shall, which the war of stimmed consolidation of the whole of the said company', but he holders of fifteen registered chares and approach such are where shall, with the war of stimmed consolidation of the whole of the said company', but he holders of fifteen registered chares and approach such are where shall, with the war of stimmed consolidation of the whole of the said company', but he holders of fifteen neglitered chares shall be required the said of the said that the said company' is also shown in the said company of the said the said company of the said of the said that the said company is a said to said the said that the said company is a said to said the said that the said company is a said to said the said that the properties said that the said that

De order of the board, A. BULKELEY, Secret

FROM LINDON TO BARBOATE, MARGATE, AND DEAL,
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Shockanter, Chathaon, Brownighon, Billson, Stillinghuspran, Farveshan, Castorbury,
Walstadahor, Strone Bry, Beadwink, and Deal.
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CONTRA PR. BURG WILLIAM STREET, LINEDLE BRIDGE

CLARENCE RAILWAY.—Notice is hereby given, that the BALF YEAR'S DIVIDEND on the 6 per cost, first class preferential charge, fore on the 1st of May, 1946, is in concess of FAYMENT at the company's offices, in Lordon and Stockton. on. Trees.

ON, Gid Broad-street, May 1.

GREAT WESTERN RAILWAY. - On WEDNESDAY, the int of May, 1864, the RAILWAY will be COMPLETED to EXETER, and the ALTERATIONS for the SUMMER TRAINS WILL COMMORCO.

For London, Cirencester, Bath, and Scietal. Per Buth and Bristol.

And the inderwing changes will also take place ...

And the inderwing changes will also take place ...

The 7 50 s.m. Goods Train from Bristol to London, will leave Srintel at 2 30 s.m.

The 7 30 s.m. Train from Bristol to Exciter, will leave Srintel at 7 a.m., and the 7 s.m. Train or mill leave Srintel for Exciter, and the 10 50 s.m. Train will leave Bristol at 8 20 a.m.

On Senday the 9 a.m. Train will leave Srintel for Exciter at 5 d.m., and the 10 50 s.m. and on Senday the 9 a.m. of on Senday at 8 30 a.m.

On week days there will be an additional Train from Paddington to Stoogh at 6 20 s.m. ond on Senday at 8 30 a.m.

The 8 of Maidenhand Train will leave at 8 30 s.m. of London.

The 7 st Maidenhand Train will leave at 8 30 s.m. of London.

The Train from Circumotter at 5 b s.m. of London.

Time Bills may be had at any of the Railway Stations on and after Salurday, the State Station of the Salurday.

State Agril leat.

LONDON, WOOLWICH, AND GRAVESEND RAILWAY, VIA BLACEWALL.
Capital #366,000, in 12,000 theres, of #25 each.—Deposit #2 10s. for observ.

Capital disservin, in 12,000 sharts, of dils each.—Deposit d'2 10a per chart.

James F. Negent Danied, Esq.
Jennes Elimen, Esq.
George Thomas Elimen, Esq.
Gruce Thomas Elimen, Esq.
George Probas, Esq.
George Probas, Esq.
Corper Probas, Esq.
Corper Probas, Esq.
Ascertary and Evravon—William Tio, Esq.
Bankeno—Mesers, Esq.
Ascertary and Evravon—William Tio, Esq.
Bankeno—Mesers, Esq.
Ascertary and Evravon—William Tio, Esq.
Bankeno—Mesers, Esq.
PROPERTUS.
PROPERTUS.

Mouse. Stokes, Hollingsworth, Treman, and Johnston, 24, Caleston-street.

Mouse. Stokes, Hollingsworth, Treman, and Johnston, 24, Caleston-street.

Nations enggestions have from time to time here made for the formation of a real-way commonication between London and Garvenand. These projects have failed by reason either of the impracticeability of the plane, or the great cost of the lines are shemitted to the public has been laid down with great care by Mr. Stephenson. It will be found perfectly five from any difficulty parechase of properly have included the committee that the work can be applied within the amount of estimated rapital.

The line is averanteen misse in langth, making the distance by this and the Ricchwall Hallway, from Gravenand to the control of the City, somewhal is no than twenty-nest misse. With the caregition of about three misse, the proposed railway rane through march land on a foral level; if commonicas on the Kentini tide of the Thamen, immediately opposite the termines of the London and Richward Railway, with which it will be connected by a stoke first of the place in about three proposed railway rane.

The rise's on that a canedant commonication will be established between the two railways, and passengers will be conveyed from one line to the other in fire misseds. The railway will these be carried through the marshas to Woolwich, a fostance of the misse. At Westwick there will be through the marshas to whollen through the marshas to the foliation of the scales of the stokes of the scale in the processed again through marsha the foliation of the scales of the processed of the will be not laid to the other in fire misseds. The railway will Beet he carried through the marshas to Woolwich, a fostance of the University will be the one of the City, and the line will then laid the will be the laid through the scale marsha to the processed of the scales of the processed of the will be a laid down as to canadia on easy justified of a tal

met that of these only one-third will use the railway, or The Gravement discusse only one-daired will one the realway, or The Gravement, Succlearler, and Chadlanes Sailway-Cumpany calculate open ion, and passengares per anneas, and although a considerable portion of those may be included in the present Gravement trails, yet it may rea-consider be presumed that a great increase in the truffle will take place on the optioning of a railway between those places—any, therefore, that of the estimated mankers succ. three be additional, and use the railways through to London, or The traffic forum Darkines, Chartford, Farmingham, and that neighbour-hood, ran economy to estimated at loss than 166,667

500,100 The Woodwich traffic storends 2,000,000 annually, of these may that distinct will see the failway, and that one third will be first class, at al.

And two thirds record class, at 2d. 3,189 4715,653 11,844 Net estimated profits... WT3,889

having a return of all per cost, on the rapital from passenger traffic above discond receipts from guests traffic most greatly increase the estimated re-The additioning recordes from given definitions are made again force much below fit will be seen that the foregoing entrolations are made again force much below one generally charged, and that a very moderate proportion of the existing tradhe as term constraint.

shall be decremental expectation or not comprehensive processors of the state of th

PORT OF APPLICATION FOR SMARKS. 40

CEYSSEL ASPHALTE COMPANY .- - CLARIDGE'S

NOTICES TO CORRESPONDENTS.

MINITED JOURNAS, in regularly published about Two evolute as Sabred no. of the affect, No. 26, FLEET-STREET, where if ean charge be there is no counter for irregularity in its supply, in from, either than a part of the agent through solute is artered, but, or respecte the a to country underview, the bisme is showed with the Post-affect action as to country underview, the bisme is showed with the Post-affect action

Law or Jenn-Streen Companies.—The explanatory of the liability and responsibility avoidably postgeood notil sent week.

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fournel, twelfth line in speril and madler in the In Mr. Rogers's paper on the Real Elements of Nature, in tast weith line from top of fourth paragraph, " spirit and motor," should be a fine of the state of the

. K." (Footon. in the Potteries)...-Our columns are always open to the references expressed by correspondents...-for the correctness of which we chance piedge ourselves, unless so expressed at the time.

"Chemist" (Camburus),....We have reason to believe, that as announcement our columns will find a purchaser for both the native and sulphuret of hi

M. "(East Lothian)....Any local bookseller can procure a copy through his agent; it was published by Mesars. Longusan and Co., of Patermoster-row.

... The Number is out of print, and we, therefore, cannot say ...The table shall be propared and published in an early No.

J. S. (Cookiny).—We are obliged to our currespondent, and should be glad of any information be can favour to with.

any information he cas favour os with.

A Constant Brasier and Subscriber " (London) — We will endeavour to make necessary arrangements, to meet the views of our entrespondent—a simil quest having been made by others informed in the same mine.

The setter of "An Indignant Properties," in reference to the Dublin and Kings Railway, only serving this morning, must, of necessity, stand over—as alveral other communications by the same post.

Mans Surmans.—Mr. Martin's reply to Mr. Wheeler shall appear next week.

THE ILLUMINATION MAGAZINE.—This monthly production is always webcome; and each encousive number confirms the truth of what we have from the first main-fained—that it is the chargest, and one of the best, of that description of our pr-riodical literature, to which it has formed on pirasing an addition. The literary confects are not only well and varietly written, but the work is beautifully and profusely insofrable.

professity illustrates.

ARD-SE Peastracuruc Masazewu.—The Number of this journal for the present month contains some executived papers, among the first of which we may name one on Mining for Cuals in Spain, by Mr. W. Walton in gredienase to whom on reselect are included in Spain, by Mr. W. Walton in gredienase to whom one workers are included in the section of valuable papers on Spainsh Mining?—on Hall-way Communications through France—on the Arts and Massifectures of the Requiremas—Clearwaldons on the Vartous Theories of Glocial Motion, do.—with reviews, fine arts, and minerillaneous Intelligence. We shall next week attract Mr. Walton's paper entire, as being one of great informat to our readers.

AMERICA MAGAZINE —There is much marker of importance in the her. Among the consents, we find papers on the Survey of the fects of New England, with an original susp—on the Prize Result (the Agricultural System hithorits pursued in Jennaco —on the Agri ductam—on the Intellectual Powers of the Regro—the Operation takes Mint—besides others, with a variety of microlianeous infer-tacts Mint—besides others, with a variety of microlianeous inferof Mindistrate—on the Intellectual Powers of the Region—the Milital States—on the Intellectual Powers of the Region—the Milital States Mint—baseline others, with a variety of misrotile Sinch a extention cannot fail ortablishing the work is one nice, as well as of considerable interest to the numerous pa-who are interested in their welfare.

THE MINING JOURNAL, Bailway and Commercial Gajette.

LONDON, MAY 4, 1844.

We last week contemplated being in a position to offer some observations on mining operations in the eastern district of Cornwall but, while we regret that we are unable to act in accordance with our desire, yet we feel well assured that the time devoted, to not merely a surface survey (to which cause the absence of more lengthened remarks is to be attributed), will be found not to have been ill-spent

It is only necessary for us to state, that at the moment of writing we are at Fowey Consols, having devoted four days to this immediate district, of which more anon; while, on our return, we purpose visiting the Tamer Consols, the Caradons, Liskeard Consols, Marko Valley, the Phornis Mines, and a lot of other "bala," not forgetting Wheal Norris. That abuses deserve and call for exposure, is, we believe, admitted even by those whose vocation it is to "gull" the public-and, having collated some information on the spot, our readers may prepare themselves for a slight espace.

Already have we visited the mines in the Callington districtand, as before observed, having devoted four days to the acquirement of information connected with Fowey Consols, West Fowey, and Par Console-while, at the eame time, we have not been idle is directing our attention to the harbour at Par, the canal, railway, and viaduct-we may fairly conclude that some notes from our diary will prove interesting to the readers of the MENENG JOVENAL

We do not propose entering on either one or other of the subjects which have come under our notice until we have more leis - every hour being employed, in not only personally investigating the information with which we are furnished, but in the acquis of practical opinions-to which we may add, the inspection of acents, which latter has been most liberally accorded to us by J T. TERFTEY, Esq., and the agents of the mines under his management-while we take the present opportunity of expressing our thanks to Captain Daves, R.M., for several "notches," as regards eyeson in accounts, to which we purpose hereafter drawing the attration of adventurers, but more represally that class of adventurers who are termed arrichablers.

Applinguing for thus writing a pasteriet to procede the letter, can only assure our readers, that on our return next week we shall be in a position whick will entirely them that our time has not been "Legrent-and third, regardless of the one interest or the other, a rt will be residered of our " Doings in the West

Carporal Martheole, Washarder, — It will be reconfineded, that Me. Williams, of Northwith, was reserved at the last Cheeker Areises, of reconstituting and accounting of the properties build and a their excitoracter, in each of washard is the carried of Green's Biretil, or Minister last, when, other the requirement of measured in either anisotropic last, when, other the requirement of measured in either with, for was nectioned by the languagement of measured in either with, for was nectioned by the languagement for the secondary of measured in the first properties of the secondary of the seconda

HOLLOW AND SOLID RAILWAY AXLES. X

HOLLOW AND SOLID RAILWAY AXLES.

At the meeting of the Institution of Civil Engineers, on Tuesday week, a report was read (in accordance with the request of the president, when the subject was under discussion in June last) of the result of some experiments made under the superintendence of Mr. Bury, of the London and Birulingham Railway, at Welverton, on the comparative strength of hellow and solid railway axiss. The result of these experiments showed that the nolid axisa resisted the effects of torsion more than the hellow once, and that while the journals of the hellow axiss were broken by fifteen and accentaon blows respectively from a 30 lb. shelps hommer, a solid axis received 3.74 blows from the same harmor before it was broken. All the axiss experimented upon were made from precisely the same quality of iron, by the Petent Shaft and Axis-Tree Company of Wedzesbury. A report was also stated to have been received from Mr. M Cannell, of the Birmingham and Gloucester Railway Company, of experiments made, for his own natisfaction, on an axis, also made by the Patent Shaft and Axis-Tree Company, without key knewledge that it would be subjected to such trial. Mr. M Connell's report having been printed, was not read at the meeting, printed documents being calculated by the rules of the institution, but, on the subject is one of much interest to those commenced with railways and the authorized the subject is one of much interest to those commenced with railways and

Hollow. 44 inches Diameter of the Axie. John Hon 146 Pho.

The deflection was at a radius of two feet from the centre of the shaft. With a weight of 6 cwt. the deflection in the hollow axle was & of an inch. With a wright of 6 cwt. the deflection in the hollow are was g of an inch, in the solid axis more; with a weight of 14 cwt., the deflection in the hollow was \(\frac{1}{2}\) of an inch, with a permanent set of 3-16 lba., end on the solid axis 5-16th of an inch, without any permanent set. When the weight was increased to 22 cwt., the deflection of the hollow axis was 1.7-16, and of the solid 1.9-16, each of them inving a permanent set of 1\(\frac{1}{2}\) icet.

The tersional effect of 22 cwt. was equal to 85 tess.

The torsional effect of 22 cwt. was equal to 85 tons.

Experiments were then tried upon the journals of the axion, dimensions and weights as before; they were firmly fixed on wheels, and the outside ends struck with a 30 ib. hammer. The first hollow axio fractured after receiving 15 blows, and the journal broke with six further blows. The second hollow axis fractured after receiving 17 blows, and the journal came off with 14 further blows. A solid axis them regeived 100 blows on the end of its journal without being fractured or much bent. It was then turned over, and received 100 blows in an opposite directions, bringing it into its original position without a fracture. It was then turned to the other quarter at right angles, and received 67 blows, still without a fracture; it was then struck 67 blows to the place where the first 100 blows were given, which brought it off. The iron cahibited a fibrous texture in a longitudinal direction. scitzerib lanibation

M'Coanoll's experiments, made in September lost, were with a pa-Mr. M'Connoll's experiments, useds in September leat, were with a patent axle, taken indiscriminately from forty supplied to the London and Birmingham Essivary Company by the Patent Shaft and Axle. True Company. The axle was placed in a pair of tender wheels and weights suspended from a lever, commencing with a weight of 347 lbs., equal to a tersional effect of fifteen tens, and gradually increased up to 1764 lbs., giving a tersional effect of 70 tens. The deflection, with the weights up to 700 lbs., was accorded pheservable i and, with the extreme weight of 1761 lbs. it assembled to make deven extraction in such with a memoral to 700 lbs., was scarcely observable; and, with the catremo weight of 1761 lbs. it amounted to only eleven sixteenths of an inch, with a permanent set of three-elatoenths. Several blows were then given with a weight of 316 lbs., let fall from a height of 45 feet, and afterwards from a height of 45 feet on the apposite side. The jumpsal, after receiving 18 or 20 blows, was then turned at right angles, and broke off with the first blow, exhibiting a fibrous fracture, and solid in the centre. The jumpsal on the opposite and of the axis was then tried with blows of a hammer, 26 lbs. weight, and, after 100 blows, was beat about three-eighths of an inch. It was then turned one-fourth round, and was heat, by 100 blows, three-slatteenths of an inch. Two other angles were then soliperted to the same number of blows, and, after receiving those 400 blows it remained. some number of blows, and, after receiving these 400 blows it remained without a fracture. An old axle marked best acrap, was tried on one of the journals, with hammer of same weight, and broke with 20 blows, the fracture presenting a crystallised appearance; this asis had been fagetted with first here. Journal 64 inches imag and 24 inches diameters. As old axis marked P was next tried on the journal, which broke with 56 blows of some hammer, fracture presenting a throne appearance. Journal 64 in.

or cannot harmone, training prosenting a universe appearance. Journal long and 2 9-16 diameter.

It was thought by some of the evembers that the cense of the coerties weakness on the heliow axies arise from the difficulty of prevents an inequality on the inner swiften, and that it would be axializately there experiments were made on bollow axies, in which particular atte was paid to this point.—A paper was read, communicated by Mr. Glyu, detailing the particulars of two excelents on the Midland Counties Railway, from the breaking of acles, which led to a discussion on the change that took place in the structure of iron by vibration; and according tenance. were given by Mr. Glyn and others, showing that such a change did gra-dually take place, and that iron, originally tough and throus, beginness, under the influence of vibration, brittle and crystalline.

Two College, States, -We have no material alteration to con

ile undertamente affair, beyond, pertispe, a pretty general belief to the propred of its being specificy brought to a close. The men have as yet sufrained from any actual custlewak, but the represition they affired, compet those full-triing their empity to seek the previouslium of the pulies.—A correspondent passes Shorilladh, indexes and the prince into a the parties on a constant of the pulies, and their constant of the pulies, homeoved with yetle during the day, from women protections of the pulies, homeoved with yetle during the day, from women protections, and the pulies, homeoved with yetle during the day, from women protections, and on high persion of his heat women, made and heps, assembler, and tended the following the second of the pulies of the court, that they could be disciplinged—upon the ground than the maximal of accompanions of the pulies bench pulse of the pulse bench pulse. The the place of the pulse of the processes of the defendant, and the the theorem of each as allegation was a defeat to important as to continue to defend the other of the pulse pret of its being speedily brought to a close. The men have as yet refrained The St. Hellis's Confidence Revenue by the condition comment in the Products. John M'Discough, Tromass Surveying, Johns M'Discough, Tromass Surveying, Johns Leytung, Schling, and William Wynn, Sur berling been concerned in the late of the at St. Helico, t. tresh place of A. vinina Standings, before the Rev. I make it is the late of the at St. Helico, t. tresh place of A. vinina Standings, before the Rev. I make St. Mark Personaley, Thomas St. Merens, Stoy, and a respectly. Their were the constitute to the indistinguish. The Sent estated the discidence is appointed with effective companies to the conditions to the condition of a class, and with borth product of the condition of the conditions of the condit equited general personne) the motion being a consequence to raise the sain of wages of exclusive, such, so provingence of their exceptions of the later proving general control bering provinged as assessment or the part of their inside that they were grains of an assessment or their provinged that their their provinged that the saint of the saint of the plane of their control of the delication of the delications, assessment to the delications, as their control of the granessment to the saint of the saint of the plane of their provinged to reside their control of the province of the province of the delications of the delications, as their saint of the delications, as their saint of the delications, as the saint of the delications of the delications of the delications of the delications of the saint of the delications of the delications of the delications of the saint of the delications of the delicat militage ment put bakes in the intermediate time provided like processed precondition the Court of Gaussia & Brends.

MINING IN MEXICO-No. VI. ON THE COST AND PROBABLE VARIATIONS IN THE PRODUCTION OF THE PRECIOUS METALS,-Without being able to fernish ony med

figures of strict anactitude, the calculations on the actual cost of the preduce of silver, in the principal districts mentioned in the proceeding chapter, are nevertheless sufficient to estimate the necessary expense by obtaining a given quantity of silver; but this approximative valuation must be limited to the principal method of treatment—vin., the smalgamation by the cold process, in considering as causes of diminishing the cost of the extraction of the minoral, the value of the gold and the quantity of silver obtained at a less expense by the amalgamation by the hot process, or by fastion, when the cre, by its minoralogical composition, or its richness, can be submitted to either of these two norts of treatment. The cost of the gold predinced in Maxico cannot be valued abstractedly; up to the present moment, the greater portion of the produce of this metal is the result of a metallurgical operation, which completes the treatment of the silver cre. It must, however, be observed, that this complement, in place of being an augmentation of expense, is a lessening of the expense of the principal operation—the gold here being analogous to lead, which is seen in certain galenne rich is nilver; those of Postijihand, for instance, represents a value inferior to that of the latter metal, which is, in fact, the chief end of the extraction and reduction of the ore. After the preceding, it will be figures of strict anactitude, the calculations on the actual cost of the pr the extraction and reduction of the ore. After the preceding, it will be perceived that, at the precent moment, the chances of variation in the pro-duce of gold and silver can be examined without separating those two mepreceived task, at the precent accument, the chances of variation in the precduce of gold and silver can be examined without separating those two metals one from the other; but, if this question is considered in a future of
come distance, this examination must be divided. At precent, the preportion of gold obtained by washing is of small cutout to Mosion; we
should, no doubt, find it became very important, if the north-west parts
of the republic were in a more advanced state of civilisation. What has
passed for aceveral years in Siberia, would lead to a prediction of the deveiopment of which the production of one would be capable in the department of La Sonera, if we could, so in Russia, dispose of a great number
of hands. To give a reason for this assertion, I will place here a sheet
abstract of the interesting observations contained in the book lately published by M. de Russholdt on Central Asia, for the researches of this
beared and indefitigable mon on the precious metals seem to occupy him
as constantly as the study of the rocks in all parts of the globe, and we
may now say that the Cardilleran of Maxico are connected by a similar
name with the chains of the Ural and Altai. Netwithstanding the immense
distance which soparates this part of Assertos from Central Asia, it is but
the asme species of recks which inclose the precious metals; only those
of Altai present an analogy more marked with those that one finds to the
east of Maxico, whilst the recks of the Ural are more identical with those
which can be observed throughout the long metalliferous line which I have east of Mexico, whilst the reachs of the Ural are more identical with those which can be observed throughout the long metalliferous litte which I have drawn on the chart of Mexico—so much so, that there is no sensible difference in these two grand deposits of metallic reales, but the presence, in Russia, in the inclusing rock, of voins of granite, traversed by partices of antibrous quarte, whilst in Mexico I do not believe that quarte has been seen, which is the most ordinary gauges for oliver, and ospecially for gold, accompanied or traversed by granite dykes. In Asia, as well as in America, the gold mines, so called, are not a fruitful source of ishour, and the reach have been abandoned. In order that the research for gold should turn out profitable, it is necessary that Nature should have taken on hereoff the labour of the nince—and, we might almost say, of the metallurgist—by breaking into small fragments the iscoloring rock, and the gauges of the superficies of the suriferous veios, and by executing this trituration on the spot, with the assistance of that farmidable power which has caused volunts commotions, subsequent to that entactyses to which usual be referred the raising up of the principal chain. It is by the sid of this hypothesia, and reating on observations, the details of which cannot each of themselves here, that this illustrious genique as plains the composition and the formation of the antiferous conde, which, It is by the aid of this hypothesis, and resting on observations, the details of which cannot find themselves here, that this illustrious geologist asplains the composition and the formation of the activitients geologist asplains the composition and the formation of the activitients each, which, in filteria, have already furnished, by more washing, very considerable quantities of gold, the proportion of which, for mose years, has increased in an actosicioning degree. These deposits of certiferous cands, which, from the form of the over of which they are composed, seem to have been transported by excremts of no great violence, are found at different distances, in a space comprised between the 48" and the 61" of latitude, and within a breadth comprising 37" of longitude; but the some of the greatest richness seems, at the latitude of 53", to extend between the 63" and the 93" of longitude; but the some of the greatest richness are cheervable on the points curvered by these deposits; the dimensions of the best over very various, and form, in general, oblining senses, the proportion of the width to the length of which, in the great alluvials (in those which exceed 250 faises), is at 1.20—th the cherter once as 1.12. The modium capacity of the earthrones beds of the Uraf, being from 0-000001 to 0-000000 or the families of the curiforms beds of the Uraf, being from 0-000001 to 0-000000 or of the curiforms therefore the is other found tenseddaid; sensed the noil—even tent afterness of the promises and equatic plants—or enversed with tarf; at other times it more more than modelle of the total alluvial, and is especied in the most destinal manner from the coperior and leafuring of this cort of land is the mixed destinal beams of environ toescale which those alluvials contain which are void of motions. The most important packy decrease, and of this sent of motions, ellipse in crystals, amorpholog general point of motions, employs. principal certs of asteroids which those alluvida consists, sither in expension, complexes grains, or leading, are gold, platine, iridinen, seminen, copper, diamondo, iron, eligiei, pyrites, cinnabar, ciromen, quarte, &c. The suntron of weeking the mineral may be traced bank to 1773, but it did not get into any importance till a later period, clare, during the year 1816, all the Ural furnished only 5 pends 35 the. (ar 37 kilogreessesses, equal to about \$228 he. English) of gold from the earliarons sends. The produced because 1823 and 1838, the total produce of gold cond to the mineral forms to because of produce of the bank of 8t. Patropologic, from the factories of Ural and Statesia, was 64.30 pends; for 1843, the supply was estimated of 370 pends, and 5 per cond. of other factories of Urar Amengal those maxing is 35 per cent. of gold, and 5 per cent. of other. Amengal those maxing is 35 per cent. of gold, and 5 per cent. of other. Amengal those maxing beautiful and the produce of the sense of the sense of the sense of the condition of the sense of the produce; the sense of the s rincipal corts of minerals which those allevials contain, sither in cryskeenes, which was polled down to wash the hole in which it had been counted, and the prodigions rishances of which ascended to TV colorains (M Missgrammen, obsert 60 fir. English). This monotices a propria weighed more than 116 Spanish mercu, a weight which corresponse growing that found in 1021, which amounted to 21 bilogrammens, or well as that found in 1602 in 5t. Discussing, in the allorated of the Ris Hapes, and which weighed but 1 bilogrammens (chemnel M) the English). Those veighed but 15 bilogrammens (chemnel M) the English). These veighed but 15 bilogrammens (chemnel M) the English), to rempose the condes of La Sousce with those of Rissia. The presence of riseduces of demonstant of the same of th and determined the proportions of allow and other considerances. The formation of the plains which correspond the Ural seems to been pos-these conflicted deposits to agreed flavouries or over a very large a to Le flavoure those deposits seem force been placed in operate seems a scalled, and to the railway generally very neuron-reliefs force the of the potentipal claim. Then, where those values have been immediate teacher, the furnishes or streams precing over seven have money tipes to

The Cours Talent,—by the Monte of Comments, but highly Cole Way promoted a published from the soul Agence of London, against seg-addition to no soul, one to fine some effect from Unbridge; will not not take from the Bodeld Coap Chall.

GRIGINAL CORRESPONDENCE.

WENTILATION OF MINES—NATURE OF FIRE DAMP. Sea, on Your overappearless, Mr. Thomas Deskin, has countributed series, papers to your valuable Journal, most of which have displant practical knowledge of his onlying, accompanied semectical, certains.

with a somewhat too supercilions on expression regarding the contribu-tions of others. In less week's Journal, his paper on continuous, and his views of the nators of fire damp, have very much surprised no, and many others, I have no doubt, who would wish to join arience with practice. I

others, I have no doubt, who mould wish to join assismes with practice. I think, with him, that you will find it an original one. May I ask Mr. Deakln, what he cells the gas, known to miners as black or shake demp, and whether he thinks it would be possible, by any cosmbinations with of-mosspheric sir, to render the asses either apploairs or indexemble? May I also ask him, whether the gas generated in, mines, "be it of what kind I may," which "invariably is found in the read of mines," to be from being explosive when pure, will not actually extinguish flows as effectually as the black or shorte down in the read of mines, "so for from being explosive when pure, will not actually extinguish flows as effectually as the black or shorte down to what he had the collises of an colliser to collises one a bottle full of each power for the start of the second power have to be accomplished, I acknowledge, but if a bottle full of water be taken into that part of the scient where it first issues from the crowiers of the strate, and the water emptied end as easer the roof as possible, it will require use witch to fill the bottle with the gas which has there accommissed as an all that will be necessary will be to such the bottle and here the courth down.

will be numeristy will be to such the bottle and herp the ascenth down.
words, when it may be taken in the surface and experimented upon. — Now.
If a could strong that buttle be filled with water, and inverted in a vessel of

We a count around was bestite to these with makes, and invertees in a vended or wester, or what is excited a personantic trough, it may reachily be filled with a portion of the gas contained in the legger buttle. If the small bettle, where fall, he kept is no inverted position, and a lighted match be applied to the mounth of it, the gas, if pure, will ignite without a agreement, and here gradually upwards into the buttle, where it is in communication with the communication with the communication into the buttle, it would be a communication of the buttle.

Weinfeld be as completely estinguished on it plunged late water. Again, fill the buttle, as before, with gas, and then blow late it; if the match be now applied, the sic in the buttle will instantly caploide, filling the buttle with flants. Such would have been the result in the first instance, if the

so from the miss had not been pure, or if mixed with stancepheric sir ad each, unfortanessly, after is the result to the misses by the admisters

of placespheric air with the inflammable gas there ecolemi, when the ale faces not poss through the mine with outlined velocity to drive out the half-menable gas as it generates, or to reader it innustions, by dileting it believ the applicate properties. I think his II. Dary considerate the most explosive mixture to be composed of one measure of the inflammable gas to seven as eight of air, and that it will not appead when the gas is diluted with tender or thirteen times its values of air.

to meem or night of air, and that it will not explode when the gas is diluted with twales or thirteen times its entires of air.

If there he there is, this "estrentifies and precision miner" will be upon a wrong seent if he be attempting to purify the air as it enters the mine, or to "direct it of its bandon of foul applicates matter," with which Mr. Deakin thinks it is aromatimes then insuled. That the purity of the air is maked is much influenced by the state of the weather, is very true; but this may be accounted for by the changes in atmospheric presence, when the becommoter is high, or when the atmosphere will suppret thirty or thirty-case inclines of secretary, the presence of the air has a greater tendency to settle the great of a size in the faceurs is a back they are generated, but If the mirror of the becommy in high they are generated, but If the mirror will be seen to some the order of the air has a greater tendency to

petals the general states in the focuses in which they are generated, but If the message in the becometar stands at only twenty-night as twenty-niese tables, the penacure agent the financian is also propertionably reduced, and the general particular at the ment once apparationably reduced, and the general particular of the wind has also a great influence upon the continuous of minors, by sating differently agent the convention of minors proved a consigning from the wind; the may be absented in an ordinary house fire, where when the wind is a sartain question, the emake extenses into the appetiment instead of going up the shammy. The gian of furnance, disconting the preffer, described by Mr. Daskin, is an good as any I have seen; and, I think, if he eventions the question facther, he will be convinced that, without fear of exten danger, he may even kineself the trends of trying to purify the six on it enters the mine, and contine his effects to becoming the questity and, of concest the colonity of the six riversaling the present the committee of trying the proving the agentity, and, of concest the colonity of the six riversaling.

or trying to purry the are as it enters the mine, and conduct his effects to becoming the questity, and, of courses, the colonity of the air ricerdating through the mine. If this he properly carried out, and the correct judicionary streams of the color of the adversary streams in the different chambers or workings of the mine, the adverty issue and through the different chambers or workings of the mine, the active definity mand as a light to be considered in its proper place in the sense of efficient mand as a light to be considered word by the mines, but as a very nor-ful instrument for consciously word by the mines, but as a very nor-ful instrument for consciously mand an application of the color of the mines.

Betherdom, April 10.

CAN THE REPLUX OF GARROUM FLUIDS.

Six_"A paper of coins," On the Effect of Gassene Fields," baring man abjusted against by one of your correspondents, I but to offer a few consolid against by the Effect of the consolid against by one of your correspondents, like Thompson, thinks

Semigration that is designed to employed the first according to the according to the corrections that it described he repely to his according to the corrections of the examination (if he can) the corrections of the challenges he has given to the public. If an arthur wase bound to reply to every subjections made to his artifectments. If an artifect hereal to incommat his excellent to the very simulation of the subject matter of his demonstration, and got he gillrowed in any seaso to assume that they have the first principles of

Observations of the contract o

discharged andre a protocon of his barden of accounty, should be enquiremented to measure the pure rank, and he incommed to a epison of 17,000-rather food of grantes density. Notificated in the resembled degree approximate the field of the cold of the property of the cold of the co

this was soid, as intended to be said, in any paper. The question in this colors the sylladar was assumed to be the colors question for hanged, without stillar increases as dissipation, and the object was to come to be the

Subjects of the interesting of the first. Now, in colorabining the quantity of she that enough the distillment at through a pipe by a protected expend to be inclined of manually to an interesting to an interesting to appear to that the same is under any granter. These adminishments protected, and has accordanced to the colorability of manual to the colorability of the protected. And has accordanced the protected on the colorability of the protected of the colorability. It is not the colorability of the protected of the colorability of the co

If this aim, the choice to earthful this cops now this other in the report. Heat, if no diagrams there are (or emissions) is diseasely because the party of the aims of this eather yet home, we exist humorally engagement will evil experiment comes consistence from the other of the paper; and this recimience, whethere

the seasoner, will restron the quantities shad waters the plays, according to the se way so if no sublimeral equipments assumed so the and which has the car, in either meeds, it will not an through the differ

ment on such that the second of the end-of-the adjustment of the second of the second

Butherham April M.

class — etherwise, he must have known that electricity had long age to proved experimentally to be the accompanionest of the age of sembosine, well as the attendant on the phenomena of challities, evaporation, itc. May 1.

Menhar.

Size,—Parasili nor to any a few words on the emblect of the ancident light-leaver lower. As I had the honour to be employed by the Treasury and Hand of Orbinance as the employer to begin and specify the whole of that structure, and bring the engineer of the one which was lighted eighteen mouths ago at the case out of Jennelsen, I think it to due to Sir Hannard Roswe, R.N., Mr., Theray Clack, C.E., and Mr. Walker, C.E., he state, that has ever here an observated. In any report to the Legitimence Commissioners of Jamasian, I and (Anguet, 1960), "Capitalo Bir Sunsori Brown, whose came in well known in the inventor and maker of state; orbite on and iron magnesium, due, has proposed the exection of east-iron towers for lightheness. "A small lighthouse on Generated pler, thirty or farty fest high, of which Mr. T. Charb-was engineer, is made of cost-iron, but facts well." I then recommended the adoption of a lefty cast-from builtin's column for my lighthenese, which was sufficiency in made of cost-iron, but that had been a gifted to a lefty cast-from builtin's column for my lighthouse, which was afterwavely constructed at Branch and Rechinean's, the listers and light by Beylib—made at re-constructed in Jamaies by my estive and intelligent A CAST-IRON LIGHTHOUSES.

was afterweede enestracted at Branch vod Robinson's, the fastern and fight by Deville-spad at re-ensetracted is Jemaica by my active and intelligent assistant, Mr. Geore, who tent with him two werkmen from England, employing knooness as ishouters there.

Mr. Walker, C.K., previsionity, or about that time, had iron innteres and lighteness constructed for the Trinity Corporation, by Wilkins and Bon.—Subsequently to the Jamaica lighthouse, an eatire iron lighthouse was active for Pulat of Ayre.

The success of the Jemaica lighthouse induced the Government at home to supply me, as sivil engineer, for the Bermada lighthouse, the tower of which is now in source of construction, for the Board of Ordanaca, by Manac. Cutteen and Hallom, as onestearbore—the instern and light for Messex Wathers and Bon—and the refresting—glaver, for the direction and flattbutten.

Cuttom and Hailen, as contractors—the instern and light by Messes. Wathins and flow—and the refracting-glasses, for the direction and distribution of the light, were made in Paris, sucher the open of M. French.

I have unleavoured thus to give every one their due in heraging about this extractes and valuable application of iron to the purposes of civil regionsring and it may interest your readors to know, that I capeat some construction will stone be copaged in England to construct a prison or prepiere the drawing, for J manish.—the commissioners having desired one to prepare the drawings and specifications for the same—to contain 400 prisoners, on the expansion—Florige-street, Washminster, May 2.

ALEXANDER GORDON.

Ma. LONGMAND'S PATENT METALLURGICAL IMPROVEMENTS Me. LONGMAND'S PATEENT METALLURANCAL IMPROVEMENTS.

BER.—In power transiting leader of last weak, you made across allocious to Mer. Longwaid's patent, as an invention likely to feeder the act of metallingy to a considerable extent; knowled, as I for, that you ware very familiar with the various patented personeers for similar purposes introduced in this country by M. Decises de Houseach, a Franch as taling per power introduced in this country by M. Decises de Houseach, a Franch as taling per power in the decision of the country by M. Decises de Houseach, a for ment and report that eteropactoness absent latery the opplimation of his recommandation to the dressing of the Corawall latery the opplimation of his recommandation to the dressing of the attention to the dressing of the laterage of the second latery the opplimation of his recommandation to the dressing of the histories. Mr. Longwaid-and, so you are there on the spect, make the inspirition. Mr. Longwaid-and, so you are there on the spect, make the inspirition. Mr. Longwaid two the dress Fullware to make the inspirition. Mr. Longwaid two trees to those full call in this patent (which is a direct intringument of Daulin's patent), and failed; at Haller-widden, and other mines who new overhing under Daulin's patent, they bracell to it. to it., at a most of its., per for. I have visited the Corawall Alkall Company's Works, placed by a judicious propeletary sader the direction and unaquement of Mr. Industry, and think to attend of method could not think to attend. Repair in particular, in introducing correct metallunghal ideas in this country, you will give insertion to the about, I no, your's, he., F.S.—In your next Number, I shall formish you come accomming facts to companie on the trail of the direct of the will informed that, in practice, Mr. Longwaid's infringement of Mr. Databas, Mr. Longwaid's infringement of the one of the original of the company of the original of the company of the patent is far from the original of the company of the original of the

REAL DEL MONTE MINING COMPANY,

Note,—I shall feel much solitiond if you, or any of your readers, can inform
one why the discretizes of the Real set Monte Brising Company to not declare,
or declared upon the defentatores, new that it is said they have a seen in head
more than ostificiant for the purpose. It will also, I am ease, he very entilelations to the chardoniders, if you seen sulighbors them so to the comes of the
continued depreciation in the value of the registered charce and setty, when
the company is destrictly in a far more prosperson position than it was in the
year intil, when they even esting at almost 1th pre-share. It is reported that
come of the officials are interested in a new mining speculation, and that
they are more ready to recommendating interested estimated in a phonisting and expressed the properties working to make it is a solition. It is not such in the state of the
hydrolized and expressed they in parties working longuistic the real and improved in
a sphoiding and expressed the finance of the body of the continued in the
sum of the interest the expression of the continued of the continued and interest and the property will be readinged as exview to the underdoneaste adventures as the proposed two will be continued as
at the solition of their absentures as the proposed two yellows them to
and, if they will only take the treation to investigate closely into the officire
of the continued that a considerable in proposed to have that a considerable interest at the host description. It will action
themselves that a considerable in proposed to have a place in its proposed.

BYTHEAULES AFFETY SECONALS. REAL DEL MONTE MINING COMPANY.

the manifered that a considerable improvement box taken place in its prospects. Licentum, May 3.

BY DRIAULEC NAPECY SIGNALS.

Upa,—It has according being to see that a westle addition might be could to may as existing at hydroutin propulation or relivery, which, through the Missing Joseph and your propulation or relivery. Which, through the Missing Joseph and you are still be public, have an objectioned to keep before the scientists public, five, I think, it cought be conducted both tenth tenths and commenced. The addition of the processor and major propulation in the propulation of the processor of the processor is and tenth tenths and commenced. The additional three ways had sainly, hydraulia signals aims the list, by he filterant into obtain them of these works are extracted. The according that this, I would according to require the brings a salier season of the development of the processor of the processor of the train of the list of the processor of the processor of the train of the list of the processor of the processor of the work of the train into of reals, with an appetual, or jet pipe, at the tray of it, which oxigite he thereone index pipe by tenthing a certain or the degree of the ground. Note were the train and adjustment of this dwarf of the first of the train and to consider the train and the major developed the said to the train and adjustment in the sight the said laws to the according an the list, it would easily be necessory for one of the annual terms band to the accordinate of the desire the list, it would be read placed the said the major that the processor of the annual terms being a law of the said the major the propulation appeal to any according to the sight the scientist from the train and placed the said place of the said the and he affined in any reset to account by all those who were then ele-mental pain of being rathed to account by all those who were then ele-mental and the engine sema accident truly have energy business on their tends. But, as I have an industries of following this raise, which Mr. Encurpants has laid down, he must agains me if I raply vary shortly to his description.

Nor enthaneously Mr. Thompson's assertion, that he fully understands my gapes, I to ant with he altered to approx among develor are the matter; for, while the subject is one of entones alweylicity, he has as the matter; for, while the subject is one of entones alwaylicity.

Anticol filed, in any operations (the pipe design above state first long). It precesses singlet thirty he expressed to represent the representative offices any operation of the long of continuous, and the filed singlet the file.

A. G. SOLTH, expression.

An interpretation, the substitute direct and digramme, and the risk of the filed singlet tends of the substitute direct and digramme, and the risk of the filed singlet tends of the substitute direct and digramme, and the risk of the substitute direct and digramme, and the risk of the substitute direct and digramme, and the risk of the substitute direct and digramme, and the risk of the substitute direct and digramme, and the risk of the substitute districts.

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An interpretation of the resolution of the substitute districts and the substitute distric

ACCIDENTS IN MINES-LONDON SOCIETY FOR TEACHING

ACCIDENTS IN MINES—LONDON SOCIETY FOR TEACHING The Broth analogue and the London Theway, Einhopoguedo-offered, on Friday oversing, the 25th oils, and was estimated by about sinty nobbrenes and gentlemen, amongue when we noticed the Earl of Arnadel, Lord Doelley Stanet, M. P., Dr. Sguryin, A. Mivel Show, En., F.R.S., the Ray. Systimus Examery, W. Banbury, J. Effect, J. Grout, G. L. Hollingsworth, P. N. Zohansan, R. Mushett, E. H. Pransite, G. Shore, P. Stainaby, G. Thomas, and E. Wilkinson, Engh., and many other indiscretal persones connected with the mining and commercial interests of the country. The chair was taken by Journ Annu. Sherry, Eng., M.P., D. On the circle being removed, "Non nobic Denoire" was some with admirable effect, when the Cul Annu As Proposed the healths of hea Most Gracious Majorty the Gotton, and of her Majorty the Guesse, Downger (the patrons of the country), is not that of his Royal Mighaese Prince Albert, and the road of the Royal Pantly, and the Army and Navy, which tonote were responsible to with much exhibitations, and were foilewed by appropriate copys.

On the health of the Right Hen. Lord Mayor and the Corporation of the City of London being given, the Cita Annu As and, he had the more phenome in preparing this, so the corporation were well known to be at all times most forward in advancing the indecession of every chairty which affected the welfare, not only of the citizens of that carellent shaneity which they had not there that evening to verificate the welfare, not only of the citizens of that carellent shaneity which they had not there that evening to verificate the welfare, and only of the citizens and mechanicaes, and not fairness, of the Corporation of the Right Herv, the Lord Duoune Stran and mechanicaes, of the Corporation of the Right Herv had not there exist the premansance and mechanicaes, of the Corporation of the Right Herv had not become the premansance and mechanicaes, of the Corporation of the Right Herv had for the premansance and mechanicaes, of the Corporatio the isoccutable up of Providence, he who had carried himself to the ultimet for the benefit of his fellow-creatures would leak to reap the first fruits of his well-doing; at that time, however, actions would affeed him greater pieceure than to leak hear agent he accurate and origin of this most associated chardly. (Socreted appleance). The closure work of even matismal—it had the emory-more edited appleance). The closure work of even matismal—it had the emory-more vision of helps of his most associated abortly, (Socreted appleance). The closure work of even matismal—it had the emory-more vision of his continued to the Chicago, as a pullcable to the Chicago of the Arabina, to the clashitants of Europy, as in these close show. (Lond acclassedions.) It was a west breefit conferred on the whole human race, and gave relief and nerty of fragitates to those afflicted with himself race. I also showed the morey of Provincence, who, is sanding that with leakance; it also showed the morey of Provincence, who, is sanding that with calculate it also showed the sociation of his power follow-overstore as sufficient. If he epoke with warmth of feeling, it was because he had just count account to sight of that excellent butterfine which those gratieties he than aw or worthly persolated at the time there benefied to the location to application of the position of the position, therefore to each other position, the state of the discovery control of other positions, that there was on who, had not even that sight, but would feel disposed to take part in the progress of this charity, he remains there, or giving else where, and advocating as concludly, no showerely, and so othersely, the case othersely to the sound of the permanent and relucational charities of the nation. (Appliance.) He would then the progress of the state of the Arabing the Hidae to the part of the control of the state of the short had the files of the control of the state of the short

The flow, Surveys or R. annot (the serventer) explained the origin of the sectory, which he said treat high read place and protes ago, by the adoption as a method of teaching Mr. Leons's systems of related short-bend characters, which was no easily obtain-shire that blind children or adults, senial harm to read mouter-recity to also menths as these that blinds children or adults, senial harm to read mouter-recity to also menths as these those were bloomed with their groups, small do in the entire period, and which lines was sufficient to enset children. He was happy to congretate them on the second to ring found the way to the recipance, and being most like may be the congretation of their institutions, nearly 50% blind percent had been locative-to-did newed, and fifty were now powered to the institution. The was month engaged to that the resolver continues were constant and be inserted, on command of the limited funds, as the applications were asserted to a neighb be apported, when it was considered that there were about 15,000 blind percents in Engineed. (Both, hear, also may justified as a locative his described of the chartery, by which they to easily productions, also many justifies a justified as if well and one better had straight to come had to reserve Christian becast, due he special charters which regist to come hadne to reserve Christian becast, due he special contents pacy next to the persongeneessy, verying than was out a settaining thingly, but one which regist to come home to reary Christian broads, and he speaks expectally to those protects, who were so highly consusted with the trade and commentee of this great settempoins, tenny, to relation to it, these sounds—"the research of the next services, to relation to it, these sounds—"the new while investigate or princess, and whose traffichers are the homescalable of the seria." (Lated 'applicates).

A first of densitions in the backling dead, and for the general purposes of the institution, independent of the standards 'list, was read to the morning, ements by to courty site!

the fooders state of Adv. No. 12. hand ground plasmouse in programing the health, of the citing shadometer. (Applicated). He had the photosope of knowing that general, and hold diverse freezed him on reachy to white hit is with a whole, as the posses by the distribution of the possession of the possessi

tions there, and great apple see.

Mr. E. H. Purwerks gave the health of the arbinsten and gentles the health and the arbinsten and gentles the heal humanest them with their presence that eventus.—Thuch with presence that overting.—Thuch with presence of and Dr. et a. V. Pur and retinemed themsels.

The Charaman then admired to the affinds of the indica, in whom air

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en su father is wit them and s per for pearly bearly kindly large

MINING CORRESPONDENCE

ENGLISH MINES.

ENGLISH MINES.

BOARDERS MINES.

BOARDERS MINES.

BOARDERS MINES.

Agral 20.—In the 110 fashaue level, west of blinchine's shade, the fede-to one food wide, and worth 100-par fashaue; in the rise in the back of this level the inde-is one foot wide, and worth 155 per fashoue; in the stopen at Michael's winne the lode is fourteen inches wide, and the 125 per fashoue; in the suspen wide, and worth 125 per fashoue; in the suspens wide, and worth 15, per fashoue; in the suspens wide, and worth 16, per fashoue; in the 100 fashoue level, wout of Hirchine's shaft, the inde is ton inches wide, nead worth 16, per fashoue; wast of Michael's wines the lode is ton inches wide, and worth 95, per fashoue; cant of Michael's wide of the inches foot in the inde is ton inches wide, and worth 95, per fashoue; wast of ditte the lode is ten inches wide, and worth 96, per fashoue; cant of Wal's shaft the lode is weall two and a half frot wide, compassed of enpel, spar, and manufac; in the contern stopes, in the hooks for the same food worth 95, per fashoue; in the otopes, cant of Dhong's winner, the lade is more food wide, and worth 195, per fashoue; in the otopes, cant of Dhong's winner. He hade is note food wide, and worth 195, per fashoue; in the otopes, cant of Dhong's winner. He hade is note food wide, and worth 195, per fashoue. In the stopes in the back of the nisety fashous level the lade is ton inches wide, and worth 195, level, cant of the south erosa-cut, the lode is eight inches wide, compassed of capel, manelle, and stones of ore. We weighed at the quay, on Friday last, March ores, lost ton 19 cmt.

Level of The success hade see Nesth Theory to lade, in now down to the

cross-cut, the lode is eight isches wide, composed of capel, masslic, and steme of our. We sweighed at the quay, on Priday last, March ores. 120 tens 12 cmt.

2 qro., and sampled April ores, composed 170 tens.

COOK'S AFFCHERS.

April 27.—The casters shaft, on North Timeroll lade, is now down to the sixty fethous level, and we are preparing to drive west; the ground is very fawcarshie, toring set at al., per fathous; the lode is standing to the south of the shaft, and has not been taken, down since I wrote last. In the fitty fastoms level cost the lode is poser at preparing to the two last. In the fitty fastoms level cost the lode is poser at preparing to the two last. In the fitty fastoms level cost of the shaft is composed in very casy, the price for driving being only 50s, per fathous. The flat-red winner, on this lode, is now down about five fathoms needer the first fathous level; it is sinking to the cross-course, and, when it is down to the sinty, a cross-cut will communicate it with the flat-red shaft; the flat-red shaft is make seven the flat fathous level, and the ground is frevarrable. The pitch in the back of the fifty fathous level, and the ground is frevarrable. The pitch in the back of the shaft we have set a pitch in the back and bettem to six men, at so. fit, in the buttom of this level we have set another pitch at 5a., and in the 1st. Endey's lade, in the accounty-two fathous level cost, in culli two free wide, werth 15s. per fathous; in the new east shaft the lade is mugh improved. In the 1st fathous level weet, on Dankin's lode, we have cut another part of the cross-course, which has disordered the ground, and heaved the lode; the winner simking under this level is now down assay ten fathous, and we have set the south samp shaft to sink under the 1st lode, with a way premised property of the court of the shaft. The ground is our cross-cut level cast to the 1st lode; the winner could have been an alteration in our tribute pitches.

Agent and on a cross-cut wide, and marth the lode is absent tw

April 29.—The ground is the north engine-shaft is favourable for staking i we expect to complete the shaft to an eighty fatheon level by the middle of June. In the sixty fathom level outh the lade is one frost big, producing some good work for silver-lead ores. Is the fifty fathom level we are open-leg feilined ground. In the fathy fathom level we are open-leg feilined ground. In the fathy fathom is not on the second order of the brancheo is producing eilver-lead ores; we entended one on a good look when the brancheo is producing eilver-lead ores; we entended on a good look when the brancheo is producing eilver-lead ores; we entended on a good look when the brancheo is producing eilver-lead ores; is we entended on a good look when the brancheo is producing eilver lead ores. In this level, both north and a half fathoms being the eighty fathoms level; in this level, both north and continues good, leaving good back and buf-town. In the sixty fathom level and the channel of ground is improved, and the look producing of rich silver-lead ores. One tribute department inside well.

West ween a laws a more and a high of the channel of ground is improved, and the look producing of rich silver-lead ores. One tribute department inside well. CALLINGTON MENING COMPANY.

the inde productive of rick silver-load over. Our tribute department inshe wall.

Went were allowed between the conversable to the continue cuttoned since the continue cuttoned sinceration. Here of the continue cuttoned sinceration is the operation and the rice and no followed lade, in worth 151, per fatheon; little ward, on this lade, is improved sincer our last, and is now worth 151, per fatheon; little ward, on this lade, is improved sincer our last, and is now worth 151, per fatheon; little ward, on this lade, is improved sincer our last, and is now worth 151, per fatheon in the since is sufficient. The since is worth 51, per fatheon. The index is two fast wide, promating fatheon level is two fast wide, promating fatheon over. St. Luian.

Conn't mean withtree couples, and fatheon over.

Agail 29.—The index at the occurry eight fatheon level, one of Microsy's regime-shell, is shoot one and a half-first wide, of a promising appearance, and pinishing comes good work; is divining each, at the level, the index is two fact wide, promating appearance, and pinishing comes good work; is divining each, at the street, the index is two fact wide, promating atomor of sead. At the neventy fatheon invol. is divining word, and Morray's regime-shell, Chicachen invol. In our covering a promating atomor of sead. At the neventies of the interest is a large and divinity lade. The sixteen fatheon invol. seeming the order of its a large and divinity lade. The sixteen fatheon invol. seeming the sound of its lates in the words of the lates after divining a few fatheons forther. That is very part of the great caption of the old regime obself, is favorable for divining; on one nave in a very recognishe storate of ground, and expect to interesse the fatheon invol. seeming the fatheon in the total of the fatheon in the continue of the more of the fatheon in the continue of the more interess. These fatheons is a gent of the divining the analysis of the protect of promotion to so the fatheon in the continue of the order to continue of th

Agrai 27.—I now kee to hand you say report of these miners, with no hair hand of more transmission over the total you say report of these miners, with no hair hand of more transmissional A. I the nonlinear no examination of the hair transmissional distribution of common countries. At the nonlinear no examination of the hair transmissional distribution of the hair transmissional matter than a very substantial measurer, not received as almost hair transmission, and are notice, built in a common of the hair transmission of the hair transmission, and the hair transmission of the hair transmission, and the hair transmission, and the hair transmission of the hair trans CREAT WHEAT MARPIA CHROCETERING BUNGS.

VARLESON CONTROLS MINING COMPANY.

April 26.—At the eighty, east of Christon, the lode is almost two feet wide, and earth 30i, per fethom, and has still a very premising appearance. At the eighty, west of Gardon's, the lode is three feet wide, erey, and has a very kindly appearance. At Green Expression shaft the lode is four feet wide, and improved from lost reports—new producing good stances of one. The eisty west in improved in size, but contains but little one; ditto east is every throughout, and has every appearance of a speedy improvement. At the first west the lade is worth 14i, per fathom; ditto east the lode is worth 3i, per fathom. The feetly-four west is su-pended while no rise against the new shaft, which we hope to communicate to this lavel by the end of the month.

W. Symons.

west the loads is werth 1st. per fallocus; ditto cast the loads is werth 1st. per fathem. The forty-four west is suspended while we rise against the sew shaff, which we keep to communicate to this level by the end of the messh.

CONTROLIDATED TRETESL MINING COMPANY.

Aprol 29,—The loads is the fifty fathems level, west of Williams's chaff, is ten inches wide—good tribing ground. The loads in the fifty fathem level, east of Heavend's shaft, is a nine inches wide, producing some good ore. The leads is the forty fathem level, one of Heavend's shaft, is nine inches wide—tribute ground.

TAMAR SIEVER-LEAD MINING COMPANY.

April 29.—In the 135 fathem level the loads is one foot wide, producing some good work. In the 135 fathem level the loads is control to the certificate of can make the 135 fathem level the loads in chaft for freed wide, chiefly composed of can and ore. In the 135 fathem level the loads is check to the node in half for wide, one foot of which is good work. In the ninety, five fathem level the loads is two node a half for wide, one foot of which is good work. In the ninety five fathem level the loads is two feet wide, composed of capel and ore of a promising appearance. In the eighty, five fathem level the loads is two feet wide, composed of capel, can, and ore off a promising appearance. In the fifty-five fathem level the loads is two feet wide, composed of capel, can, and ore off a promising appearance. In the fifty-five fathem level the loads is two feet wide, composed of capel, mandet, and ore if a promising appearance. In the fifty-five fathem level the loads is two feet wide, composed of capel, mandet, and ore. In the stary-five fathem level, one of star promising appearance. In the fifty-five fathem level, the loads is nowne of the mode in loads in consequence of the wide and the fifty-five fathem level, the loads is loads of the fifty-five fathems level, one of the fifty-five fathems level, one of the shaft, the loads is loads or the forty fathems level to draw the week as fart as it is hooke

der to define its undering before we commence sinking new engine-shall for that lode; we have not as yet seen any other lade by devising the solit sorth at Treas.

UNITED BILLA MINITED COMPARY.

Jeril 20.—La Williams's shaft on alteration since last week. In the seventy fathous level the lode in the castine and is those and a half feet wide, fifteen inches we morth past ove of fair quality; is the western end the lode is fine four feet wide, near the main is four feet wide, producing a small quantity of see. In the casty fathous level, in the eactors end, the hode is there and a half feet wide, every through, out, married in quality. West of James's shaft the inde is two and a half feet wide, eac foot ove of average quality. No lade is which is four feet wide, fair quality. The hode is the flag fathous level the inde is the feet wide, sing wide over wises who are in a single producing of single quality. The hode is the flag fathous level the inde is the feet wide, with some good stones of are. In the thirty fathous level the inde is two feet wide, with some good stones of are. In the thirty fathous is vel the inde is two feet wide, and is each of the first fathous level the lode is there feet wide, promoting, but producing little are. In Gibbous's each and fine the forty fathous level, the good of guid quality; in the two feet wide, fifteen isolate of which is not of guid quality; in the twenty weed, on dute, the lode is eightwan isolate is two feet wide, fifteen isolate of which is not of guid quality; in the necessary weed, on dute, the lode is eightwan isolate of which is very rich ore; in the western and the lode is fafteen inches wide, eight inches one of fair quality.

April 22.—At this mine the engineers have commenced publicg the engine to guid ore; the lode has fafteen inches wide, eight inches one of fair quality.

April 23.—At this mine the engineers have commenced publicg the engine to guid in the well as the feet wide, fifteen inches wide, eight inches one of fair quality.

April 23.—At this mine t

April 25.—The hole in the sagines short reactioners integer, producing greed quality error, worth should left per fations; this schaft is now at the eighty fathers level; we shall commerce driving sent and used at their level in two at three days. The lade is the second fathers level and to the registry fathers level. The lade is the second fathers level and to these fathers level with, every fibraring tweet, which life per fathers is the lade in the second fathers were lever used, every fibraring tweet, such life, constaining a great deal of white cannot be taken for code of the school profiter, with great stones of yellow support one; of protects both code of the school weak of the school relations to the latest approximation for the school per fathers. The lade is the first code is the code of the school per fathers, lander wide, families landers grand for two feet high to the code, such to per forthcom. The lade is the same livel med is through landers wide, families ladders grand for two feet high to the code, such to per forthcom. The lade is the profit of the latery families include wide, is also a very provincing approximation; the most red, come feet, in proceedings growed uses one provincing stones to see a processing stone or the see and see a very provincing approximation. red, come level, is practice; The winese beder the difference; the tribute dispartment forces and of red, name level, in producing stoms one, and has a very provining approximate. The stranse works that different termin are plusting this yearly for computer; the tribute degenterest sizes continues to look wait. At Pulmer's we so diving word of the short, on the south part of East Plant halo, at the arrest fee following word of the short, at the arrest fee following term, which we are circling a when such case arrest continues the fill of the south of the continues of the solid wide, worth 161, per volume. The lade or the nice of the solid wide, worth 161, per volume. The lade or the nice of the solid wide, worth 161, per volume. The lade or the nice of the solid wide, worth 161, per volume. The cores area, of the thirt-dee, is an to an examination of the solid wide of the solid wide of the solid wide of the solid wide of the solid wide. Polaries is not the solid to the solid wide of the solid wide

PORRIGN MINES.

great sacrifice; they appear to have an idea of care in anything, which is the chief thing wanted is extracting rich and soft are, or the "smalls" are readered with fire shipment, instead of being the very beet part of the lode.

Quebrude.—The mine is without any change but what has been evident for months past. The hottom levels are catically unproductive of shipping quasitity are, and very based; there is not a single level from which a quintail of one on the extracted in a month, that will pay for shipment, nithough obsandance of infactor one. From the upper parts of the mine we are getting coll some very good ore, but omnot continue long to here up anything like our proved produce, without some new discovery.

San Profire.—At San Profire Mine we are sinking the new shall with all possible speed, but the ground is harder than when we began; this chould not be looked upon an any great discovering, because it will stand for ever without timber; had it been self we should gain a little in time, but the on-peace in limber would be considerable, as we expect always to have assess waste to draw. We continue to entract about the sense quantity of one with our year small fire, and the locked of the what is communicated, and the water draws out, we shall in this mine make up for the deficiency in the Cachenda Mine. The produce in the Canebrada Mine for Colober was his tone, Chica, 21; San Profire, 12.—Total, 102 tone.

Sitven Mine. The produce in the Canebrada Mine for Colober was his tone, Chica, 22; San Profire, 12.—Total, 102 tone.

Sitven Mine, we can idea of what the next was is likely to present. The feels in the winner has varied in with from a vara to sinch, and from a soft linear in the man had sudden changes in the form and compessition of the leads, that if haffes one of the hard almost, and from a ward to explore some distance in the hard almost, and from the hadden and heatiful genum, which without the soft produce; the waster as we are not deep complex year. I find he with a large love of the angent of

MINING IN CORNWALL. X

We have this week visited the seems of busy operations in the neighbourgh hand of Lisbeard. The change which the hand of evicere has effected here is a subject of great congentulation; the messes in the parish of fit. Clear, harven and desolute in the curvene, on which nothing areful in the prepared of man was found, but huge meases of grantle, or seast; where positive, said which were an aisent as they were desolute, have assumed a cheerfulness and activity, the events of noise and busy inheurs. That the neighbourteed mans for centuries have been productive of minerals, is evident, from the extent of adversings," which literally cover large portions of the consisty bed the limit set to these appendium, from the man of a homolody of machinery, conduct the prosecution of the workings to the surface. The first operations, from the man of a homolody of machinery, conduct the prosecution of the workings in the surface. The first operations, is mining any generally commenced by some five parties, who personnily labors or expectational the workings are not first the prevalence and by these parties, escaled by others more expectational or which the case is the fluid the expect of the conceverful operations in the neighbourissed of which we appeals the discourcies were soon, however, such as warranted more extending realises from noise, that what were expectation, assisted by others more, mealthy, the mans are really not evidentially set to work—with what occase of hughly realises from noise, that what were expected for the such provide realises from noise, that what were expected for a mine, is returning upwarded of 10, mill. It sport, and, after paying all the heavy expenses of fluids ings, meeticery, fer, researched the development of a mine, is returning upwarded of 10, mill. annually to the adventurers. This mine is divided into 110 alones.—A might be expected, the extress of flowth Carachom condition, which was a solid provided by the mill report the cold provide of the capity has a many bearing the comment of th We have this work visited the scene of busy operations in the neighbourhand of Linboard. The change which the hand of science has effected here

pines to feel the beneficial effects.—Decompart Thegraps.

There as Many—(Prom a Correspondent).—This online is establed in the period of St. Erth, being must of Wheel Providence and Green Branches, and send of Wheel Supples. On the sent there are many before and branches, and the near that it is teteraded to a remember working again to show the most two feed, who worked eightform fotheres ander the cold sixty years ago, by a Cayf. Goodman, of Hagle, where he sent he sentence a fair quantity of supper can be the section of ground correspond, and regard sope two-book come money. The water was drawn by virtue of a mater whom, and it consecuted to ground providing of pumple opening formarching of the advantage. Provide the specimens of the effects. water was drawn by histors of a maker whom, and it occase that the granefallity prompts operated by some other of the adventure. Prove the approximate it is not need an approximate to extract many by a capacitate and in pre-corrects that inde it between the polytical to put up the expension of interest and in pre-corrects that inde it between the polytical to put up the expension of interest excellence at configure, as well as early spiritured to put up the expension of interest excellence at our figure, as well as early spiritured to excellent the expension of the expension of

We s.a.s. An one-norm. —As a meeting of the adventures of this miner, non-This minet, on Tairnfury, it was entermined that a sich table of silves, incide and request had been red at the fartly fabbane lates. The specimens of this hade produced over at the meets presenting discreptions, and a reachilities one graved by person the working of the mine with increased dispose. —Falmond's Proches.

One Reserve were ... On Toursday inst, operations were communicated the bearing a term corriery, as One Residences, easts Creek. The man is one statement between the country, and will be converged to the pinns of stay man if the West Deathcan and Character Reliefs and ... Deathcan Advertisor.

MANE ACCUMENTS.

CURRENT PRICES OF STOCKS AND SNARES.

RYOCK EXCHANGE, Solveday morning, To Restricting towershap, Trustee o'r starch.
 Bederick, § per Cent., #65 7 §
 Britch, § per Cent., #61 8
 Britch, § per Cent., 180 8
 Partingsomet, Cours., p per Cent., 666 6§
 Resetian, § per Cent., 117 10
 Bederick, Activens, § per Cent., 266 6
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 Buttlotta, § per Cent., 148 8
 Buttlotta, § per Cent., 148 8 bounce Minney, 10% 6 househ Annount, 10% 5 feer 56 per Combin., 10% 5 network 5 per Combin., 10% 6 andoned 5 per Combin., 10% 6 and per Combin., 10% 6 and per Combin., 10% 6 and films.), 10% 7–16 and films.), 10% 6 achterjore Mills., 7 c per achterior films. 8 per Ch., 164 5 andil., 8 per Ckinf., 79% 004

LATERY PRICES OF HERS STOCKES.—I per Cent. Connects, 1955. to 1005.; 1 tons, 1955.; 6 tons New 1830. STOCKES.—I per Cent. Connects, 1955. See 1005. STOCKES. Later Cent. Defendance on page 1. See Ministration State Stockes on State Stockes on Connects on Conn

COAL MARRET, LONDON

COAL MARKET, LONDON

OTHER OF SERVICE OF SERVICE STATES OF SERVICE

When Excessed State World - Mounts (19th and Non-acid, of Concessory)
Westmoodies, clarity the professed absents of the stated classe in this semiges

SALE OF COPPER ORES IN CORNWALL Sampled April 17, and sold at Tyuck's Motel, Camberte, May 2.

Name and Address of the Owner, when the Owner, which the Owner	-	- 197				Sec. A	-
Miner.	Tons. I	_	Fundamen.				
N. Booken	FD . 45		P. Greatette				. Freemann.
		18 6.	. Victoria.	600			and the same
40000	59 6	21 A.	F. Greenfalls	S. Booken			Williams.
ditte	87 A	127 .0.		W. Cheen			and the same
46/Elico	86 B	B S.		6030		A 19. M	
4000a	79 . 6	2 6.	Williams.	E. Cruffy	74		, Merrill & Co.
40754	80 7	0 6	Francisco.	ditto	20 .		
49054	56 7	2 4.	. F. Grendello	ditto	66		Processing
ditte	88 B			Longolome	42		. Nevtil & Co.
4076e	40 . 7		Crows Co.	PERMIT	89 .		. Raginh Co.
	. 167 A		Bavill & Co	ditte	Ab		Freedomen.
4005m	100 4	7 6.		680m	Al		Williams.
40050	454. 6			East Post	656		. English Co.
4050	454. 6		Freeman.	ditte	656		Williams.
6/5×			Williams.	4001m	47	2 13 6.	Bevill & Co.
ditte		16 6.	-	S. Francis.	66		90000
- 4000m	67 8	IS N.	Marrist & Co.	ditte	66		Williams.
4000	88 _ B	p 6.		ditte	28		English Co.
4000	60 B			6010	10		Francisco.
4000		12 0.		Centglature	es.46 .	3 3 6.	
ditto		2 0.	-	ditte	- 62	4 16 C.	
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storbe	67 8	6 6.			88		English Co.
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ditto		a 6.	English Co.	dille	24		Nevill & Co.
40000		4 8.	Williams.	Landret C.	62		Rogillab Co.
45754		6 6	English Co.	Wh. Vor .	. 51		Williams.
Hallowhera.		6 6.	-	didles		2 13 6.	
diffe	67g - A	8 6.	William s.	HERMON M.			Proutened.
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distan	46 2	2 8.	English Co.	W. Penersa			
diffe	69 6	4 .	Williams.	dillin			Williams.
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S. Buenet .	. 80 6	1 6.	Freetonia.	Martine'or		1 14 4.	Freemans.
4000cm	87 8	6 6 .	Williams.	40000	12	1 12 4.	P. Grendelin.
£385.0	87 8 1	(B.)	English Co.				

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Hallmonager 196	147 A	16	8	Wh. Vyvysa	252 262 868	10	6 6
No. Chance 211	1242		ŧ	Ha. Vor	106	1.4	0
EastWh. Crofty 210	1887			Wh. Clifford 24 Wh. Postuse 24	128	16	4
East Pool	5071 546			Min. Trypheno 24		12	

Average chandeds, 1166. 116.—Average produce, 7,—Average price, 43.10s. 6d. Quantity of ore, 6125 tone.—Quantity of fine copper, 200 tone 4 cvi.—Amend of sciency, 25, 36. St. 64.—Average classiand of last sain, 1111. to.—Average pro-

COMPANIES ST WHOM THE ORES WERE PURCHASED. Briglish Copper Company Sales
Virian and fasts 266
Virian Sales
Viria Total 4/28

SALE OF BLACK TIN.

Minn	Tuna.	Friend.	Am	January.	Parebasers.
	1	46 0 46 0 46 15 50 5 benue, 210	sade 198	10 4	oy, digeog 150.

Minor.	Tome.	Prior.			Automore?			Parabasers.
Barloot: en	1002	40	12		. d'1078	11	38	Darefree , Building , Williams , and De Pariet.
600- 600-	- 12	E1	*	:	827	16	ě.	Building and Co. L. C. and W. Dasher.

SALE OF COPPER CRES AT SWANSSA. dud April 10, and sold on the 1st May.

-	-	Recipion	Stand.		terus.	Ross	Steen.	Province	Squal	64	10	
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40000	200	184	Did.	118		t Cope	166	128	- 213	- 100	17	
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Sunn	- 12	123	WITE.	1.8	11	x & this.	10	. 216 -	60.5	. 159	1.6	
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tio, foring in small supply, in sold al very fall raises. Any real immeries is, however, more of a speculative kind, and is naticipalling foreign trade, than founded on any verifactly which has been the present time. — Midisad Counding Morald of Theoretics.

the present time.—Missioned Consolve vertainty waters has been collect the present time.—Similared Consolve Merchal of Electropics, collect the present time. The collect of the vertain of the times trusted to the conspicuous has been detected as developed each of the pipe. The collections of the control of the collections the last been detected. It was and dealers are not disposed to sell conder 7th. The demand is Longie effects developed by the collection of the truste is consolidated, there are not disposed to sell conder 7th. The demand is Longie effects developed by the trusted of the trusted is consolidated, whether the the control of the truste is consolidated whether the the control of the trusted is consolidated whether the the control of the trusted is consolidated whether the the control of the trusted is consolidated with the control of the trusted of the trusted is consolidated whether the control of the trusted the missions and ones be operated by in short of the trusted to differ definition of the trusted the difference of the trusted of the

PRICES OF MINING SHARES.

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16 Bell 2: 20	120 Trewelland 12 20
4,000 Bedford 74 7	4,000 United Hots b 44
100 Botalack	lee United Mines
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s,690 Eisengron 20 4	1,000 Wheal Bandon 4 4
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114 Charlestows	1,000 Whosi Agat
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12e Comfort	126 West Caradon 45 400
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10,000 DerisamConstyConiCo. 40 4	1000 Wheal Harriet
120 East Post	1,10 Wheat Penrose 60
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512 Pursey Cursoits 105	128 Wheal Albert 10 174
Total Grambier & St. Ashyn Pf	128 Word Beaset
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	AND TRAFFIC RETURNS

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Emphorph and Greeger	66	1,411,579	246	82	produc	ER.		0340
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	E-sufficiency	660	- 86	85,890	London Josefi Blook	18	1100
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200,0000	Bertines, E. A. Harrison		455	-	Stelle, No-W	18	18
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Lucation - Strategia and Patricipada, whether, he Strategia Strategia, or the Sillian, Str., Str., Str. Str. Str. Str. Str., S

(Rhy 6, 1886)